

1956

93rd Annual Report



1956

**NEW YORK SOCIETY
for the
RELIEF OF THE RUPTURED AND CRIPPLED**

**Maintaining
THE
HOSPITAL FOR SPECIAL SURGERY
AND THE
MARGARET M. CASPARY CLINIC
535 East 70th Street, New York 21, N. Y.**

Lee. 119
Hall

Beds 191

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INDEX

BEDS ENDOWED IN MEMORIAM	67
BOARD OF MANAGERS	7
CHAPLAINS	20
DEPARTMENT OF EDUCATION AND RESEARCH	38
GIFTS	
Memorial	69
Restricted	70
HISTORY OF HOSPITAL	5
MEDICAL BOARD	12
OFFICERS AND MANAGERS OF THE SOCIETY FROM 1864	76
PICTURE—CASPARY RESEARCH BUILDING	30
REPORT	
Of the Director	43
Of the Director of Education and Research	29
Of the Director of Nursing	45
Of the Patients' Library	59
Of the President	21
Of the Social Service Department	60
Of the Surgeon-in-Chief	23
Of the Treasurer	49
Of the Treasurer of the Women's Auxiliary	58
Of the Chairman of the Women's Auxiliary	53
RESIDENTS AWARDED CERTIFICATES	18
SOCIAL SERVICE DEPARTMENT	20
STAFF PUBLICATIONS	39
STAFFS	
Administrative	19
Professional	13
STANDING COMMITTEES	8
STATISTICS	71
VOLUNTEERS	65
WOMEN'S AUXILIARY SOCIAL SERVICE COMMITTEE	11

NEW YORK SOCIETY FOR THE RELIEF OF THE RUPTURED AND CRIPPLED

HISTORY

The Hospital of the Society for the Relief of the Ruptured and Crippled (now the Hospital for Special Surgery) first opened its doors in May of the year 1863. Since then it has served the public continuously. Originally housed in the founder's home the first hospital building of twenty-eight beds, situated at 97 Second Avenue, was soon outgrown and in the year 1870 the Institution moved to a new building located on the corner of Lexington Avenue and Forty-second Street (present site of the Hotel Commodore). Dr. James Knight, the founder and "Resident Physician and Surgeon," served faithfully until his death in the year 1887. Dr. Virgil P. Gibney, who followed him as "Surgeon-in-Chief," served until 1924. During these thirty-seven years, the Hospital grew from an Institution that merely provided for the care of incurable cripples into one of the few progressive hospitals in the United States for the treatment of orthopaedic conditions. Where formerly it was mainly a home to house children suffering from surgical tuberculosis of bones and joints, or with paralysis, it became under the leadership of Dr. Gibney an active unit for the development of reconstructive surgery. It was not long before the reputation of its surgeons became favorably known throughout the world.

Many new types of operations were developed in this Hospital which were planned to rehabilitate those who formerly would have remained crippled the rest of their lives and a burden on the community.

In the year 1912 remodeling of the Grand Central Terminal forced the Hospital to move to a new building just east of Second Avenue on 42nd Street. Here for forty-three years it carried on its work for humanity.

During these years the clinical facilities were greatly developed in order to give further training to young doctors. This called for expansion in all departments of the Hospital; including clinics, laboratories, the x-ray department, facilities for physical therapy, and a medical library was established.

The teaching facilities for training of young surgeons in orthopaedic surgery were steadily improved during the years on 42nd Street. Today the young surgeon on completing his period of residency is well prepared to enter his chosen field of surgery with every chance of success. The Arthritis Service has, since 1945, developed a curriculum of teaching very similar to that found in the Orthopaedic Service, whereby young physicians are well trained in this newly developed phase of medicine.

In May 1955 the Hospital moved for the fourth time. This was a result of an agreement entered into with the Society of the New York Hospital, for a proximate affiliation between these two institutions. A new nine story building was erected at 535 East 70th Street on the East River Drive. The Hospital continues to maintain its identity, and independence, (sub-

ject to limited qualifications). It is governed by its own Board of Managers and controls its own finances. It represents the services in orthopaedic and rheumatic diseases of New York Hospital-Cornell Medical Center.

As one of the principal reasons for moving to 70th Street was in order to become more closely identified with a great center of teaching and research, there have been, since the move, strides in developing a wider program of teaching and research in both orthopaedics and the crippling diseases. Plans are under way for the erection of a new building on 71st Street, opposite the Hospital, for expanding facilities in these fields.

In 1955 the Board of Managers applied to and obtained from the New York State Education Department approval for a School of Practical Nursing. The graduates of this School receive diplomas as licensed practical nurses and are helping to fill a great need for trained personnel in this important branch of the nursing profession.

28 members

BOARD OF MANAGERS

1957

President

SAMUEL S. DURYEE

Chairman of the Executive Committee

LAWRENCE McK. MILLER

Vice-Presidents

ROBERT KELLY PRENTICE

MRS. WALTER D. FLETCHER

ANDRÉ P. PILLOT

MRS. JOHN H. REYNOLDS

LOUIS W. NOEL

Treasurer

E. SHELDON STEWART

Assistant Treasurer

ROBERT L. HOGUET, JR.

Corresponding Secretary

MRS. EDWIN I. HILSON

Secretary

MARSHALL RAWLE

Members of the Board

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MRS. EDWARD F. HUTTON

HENRY L. FINCH

EARL D. OSBORN

S. HAZARD GILLESPIE, JR.

WILLIAM H. OSBORN, JR.

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RICHARD NORRIS PIERSON, M.D.

FREDERICK P. HAGAMAN

T. KENNEDY STEVENSON

ALEXANDER D. HARVEY

NATHAN STRAUS, III

ALBERT C. WALL

ADVISORY COUNCIL

WILLIAM A. W. STEWART

EDGAR AINSWORTH EYRE

CHARLES J. SYMINGTON

REGINALD T. TOWNSEND

STANDING COMMITTEES

1957

Executive Committee

LAWRENCE McK. MILLER, Chairman NATHAN STRAUS, III, Secretary

For the entire year:

EARL D. OSBORN MARSHALL RAWLE
MRS. EDWIN I. HILSON

For the months of March, April, May and June:

WILLIAM H. OSBORN, JR.

For the months of July, August, September and October:

ALEXANDER D. HARVEY

For the months of November, December, January and February:

JERROLD R. GOLDING

Ex-Officio Members: President, Treasurer, Chairman of the Investment and Finance Committee, Chairman of the Inspection Committee, Chairman of the Public Information and Fund Raising Committee, and Chairman of the Women's Auxiliary

Investment and Finance Committee

LOUIS W. NOEL, Chairman E. SHELDON STEWART
LAWRENCE McK. MILLER T. KENNEDY STEVENSON
ANDRE P. PILLOT MARSHALL RAWLE

Alternate: JERROLD R. GOLDING

Inspection Committee

MRS. JOHN H. REYNOLDS, Chairman SAMUEL S. DURYEE
LAWRENCE McK. MILLER MRS. DAVID REUTER
ROBERT L. HOGUET, JR. MRS. CHARLES S. BANNERMAN
RICHARD N. PIERSON, M.D.

Ex-Officio: T. CAMPBELL THOMPSON, M.D., T. GORDON YOUNG

Public Information and Fund Raising Committee

MRS. WALTER D. FLETCHER, Chairman WILLIAM H. OSBORN, JR.
JERROLD R. GOLDING MRS. EDWIN I. HILSON
LOUIS W. NOEL CHARLES J. SYMINGTON

Education and Research Committee

S. HAZARD GILLESPIE, JR., Chairman	PHILIP D. WILSON, M.D.
MRS. EDWARD F. HUTTON	T. CAMPBELL THOMPSON, M.D.
MRS. EDWIN I. HILSON	RICHARD H. FREYBERG, M.D.
EARL D. OSBORN	L. RAMSAY STRAUB, M.D.
ALEXANDER D. HARVEY	JAMES NICHOLAS, M.D.

MILTON HELPERN, M.D.

Ex-Officio: President, Treasurer, Director

Nominating Committee

LAWRENCE McK. MILLER, Chairman	EARL D. OSBORN
ROBERT L. HOGUET, JR.	

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Women's Auxiliary

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MRS. HENRY A. ALKER	MRS. EDWARD Q. McVITTY
MRS. PAUL ARBON	MRS. ROBERT LEE PATTERSON
MRS. CHARLES S. BANNERMAN	MRS. DAVID REUTER
MRS. OSCAR BRENNER	MRS. JOHN H. REYNOLDS
MRS. MacFADDEN CENTER	MRS. HAROLD C. RICHARD
MRS. NEWCOMB D. COLE	MRS. FRANZ SCHUCK
MRS. LEE CORNELL	MRS. CONSTANCE SHERLOCK
MRS. ROBERT DEBEVOISE	MRS. FREDERIC C. SHOREY
MRS. ANDRE deCOIZART	MRS. CHARLES J. SYMINGTON
MRS. J. BRADLEY DELEHANTY	MRS. T. CAMPBELL THOMPSON
MRS. GEORGE ADAMS ELLIS	MRS. CARL A. vonGOEBEN
MRS. JOHN ENGLIS	MRS. ARMITAGE WATKINS
MRS. SHERMAN EWING	MRS. BETHUEL M. WEBSTER
MRS. WALTER D. FLETCHER	MRS. JOHN F. WEIS
MRS. GEORGE B. FRANCE	MRS. THOMAS WHEELOCK
MRS. ROBERT M. FREDRICKS	MRS. PHILIP D. WILSON
MRS. WALTER J. FRIED	MRS. HENRY VAN D. WING
MRS. W. HALL HEADINGTON	MRS. ALLING WOODRUFF
MRS. EDWIN I. HILSON	MRS. JOHN WINSLOW

Auditing Committee

T. KENNEDY STEVENSON, Chairman	ROBERT L. HOGUET, JR.
ALEXANDER D. HARVEY	

Committee to Publish the Annual Report

JERROLD R. GOLDING, Chairman	ALEXANDER D. HARVEY
MARSHALL RAWLE	MRS. WALTER D. FLETCHER
<i>Ex-Officio:</i> MRS. CHARLES S. BANNERMAN, J. CALLENDER HEMINWAY	

Building Committee

T. KENNEDY STEVENSON, Chairman	ALEXANDER D. HARVEY
MRS. EDWIN I. HILSON	JERROLD R. GOLDING
NATHAN STRAUS, III	S. HAZARD GILLESPIE, JR.

Special Committee on Salaries and Rates

LAWRENCE McK. MILLER, Chairman	T. KENNEDY STEVENSON
MARSHALL RAWLE	

Physical Medicine Committee

MRS. JOHN H. REYNOLDS, Chairman	MRS. BARTON ALDERSON
MRS. DAVID REUTER	ROBERT L. PATTERSON, JR., M.D.
T. CAMPBELL THOMPSON, M.D.	

Ex-Officio: MISS NICHOLS, DR. AUSTLID, DR. KARA
President, Treasurer, Director

Committee on Relations with the Center

PHILIP BASTEDO, Chairman

Retirement Committee

LOUIS W. NOEL, Chairman	T. GORDON YOUNG
WARREN E. UNGBERG	

Special Committee on Nursing

MRS. WALTER D. FLETCHER, Chairman	SAMUEL S. DURYEE
RICHARD N. PIERSON, M.D.	MISS MARY JEANNE CLAPP
T. CAMPBELL THOMPSON, M.D.	MISS DEAN SMITH
T. GORDON YOUNG	

Committee on Caspary Property at DeBruce, N. Y.

JERROLD R. GOLDING, Chairman	L. RAMSAY STRAUB, M.D., alternate
MRS. JOHN H. REYNOLDS	T. GORDON YOUNG
T. CAMPBELL THOMPSON, M.D.	WARREN E. UNGBERG, alternate

United Hospital Fund Committee

ROBERT L. HOGUET, JR., Chairman

Committee on 71st-72nd Street Property

JERROLD R. GOLDING	MARSHALL RAWLE
NATHAN STRAUS, III	WILLIAM H. OSBORN, JR.

Coordinating Committee

CHARLES J. SYMINGTON, Chairman	MARSHALL RAWLE
MRS. M. HENRY HOEPLI	

Geographic Full-Time Committee

T. CAMPBELL THOMPSON, M.D.	SAMUEL S. DURYEE
L. RAMSAY STRAUB, M.D.	PHILIP BASTEDO

Ex-Officio: Treasurer

WOMEN'S AUXILIARY-SOCIAL SERVICE COMMITTEE

1957

Officers

Chairman

Mrs. M. Henry Hoepli

1st Vice-Chairman

Mrs. Philip D. Wilson

2nd Vice-Chairman

Mrs. C. MacFadden Center

Treasurer

Mrs. Harold C. Richard

Assistant Treasurer

Mrs. Andre deCoizart

Secretary

Mrs. Franz Schuck

Corresponding Secretary

Mrs. Robert Debevoise

Standing Committee Chairmen

Alker Memorial Library

Coffee Cart

Gift Shop

Membership

Occupational Therapy

Social Service

United Hospital Fund Group Leader

United Hospital Fund, Box Week Chairman.

Volunteers

MRS. CHARLES S. BANNERMAN

MRS. OSCAR BRENNER

MRS. JOHN H. REYNOLDS

MRS. J. BRADLEY DELEHANTY

MRS. DAVID REUTER

MRS. ROBERT L. PATTERSON

MRS. JOHN H. REYNOLDS

MRS. WALTER J. FRIED

MRS. PHILIP D. WILSON

Names of Board Members

Alderson, Mrs. Barton

Alker, Mrs. Henry A.

Arbon, Mrs. Paul

Bannerman, Mrs. Charles S.

Brenner, Mrs. Oscar

Center, Mrs. MacFadden

Cole, Mrs. Newcomb D.

Cornell, Mrs. Lee

Debevoise, Mrs. Robert

deCoizart, Mrs. Andre

Delehanty, Mrs. J. Bradley

Ellis, Mrs. George Adams

Englis, Mrs. John

Ewing, Mrs. Sherman

Fletcher, Mrs. Walter D.

France, Mrs. George B.

Fried, Mrs. Walter J.

Fredricks, Mrs. Robert M.

Headington, Mrs. W. Hall

Hilson, Mrs. Edwin I.

Hoepli, Mrs. M. Henry

McVitty, Mrs. Edward Q.

Patterson, Mrs. Robert Lee

Reuter, Mrs. David

Reynolds, Mrs. John H.

Richard, Mrs. Harold C.

Schuck, Mrs. Franz

Sherlock, Mrs. Constance

Shorey, Mrs. Frederic C.

Symington, Mrs. Charles J.

Thompson, Mrs. T. Campbell

vonGoeben, Mrs. Carl A.

Watkins, Mrs. Armitage

Webster, Mrs. Bethnel M.

Weis, Mrs. John F.

Wheelock, Mrs. Thomas

Wilson, Mrs. Philip D.

Wing, Mrs. Henry Van D.

Winslow, Mrs. John

Woodruff, Mrs. Alling

MEDICAL BOARD

1957

T. CAMPBELL THOMPSON, M.D., *Chairman*
Surgeon-in-Chief

PHILIP D. WILSON, M.D.
Director of Research

ROBERT LEE PATTERSON, M.D., *Secretary*
Fracture Service—NYH-HSS

LEWIS CLARK WAGNER, M.D.
Attending Orthopaedic Surgeon

L. RAMSAY STRAUB, M.D.
Attending Orthopaedic Surgeon and Executive Assistant to
Surgeon-in-Chief

PRESTON WADE, M.D.
Fracture Service—NYH

RICHARD H. FREYBERG, M.D.
Director, Department of Rheumatic Diseases

ROBERT H. FREIBERGER, M.D.
Director, Department of Roentgenology

OLAV AUSTLID, M.D.
Acting Director, Department of Physical Medicine

MILTON HELPERN, M.D.
Director of Laboratories

CHARLES L. BURSTEIN, M.D.
Director, Department of Anesthesiology

HELEN HARRINGTON, M.D.
Attending Pediatrician

MARY JEANNE CLAPP, R.N.
Director of Nursing (ex-officio)

A Designee of the Board of Managers (ex-officio)

T. GORDON YOUNG
Director (ex-officio)

PROFESSIONAL STAFF

1957-58

Surgeon-in-Chief Emeritus

PHILIP D. WILSON, M.D.

Surgeon-in-Chief

T. CAMPBELL THOMPSON, M.D.

DEPARTMENT OF ORTHOPAEDIC SURGERY

Attending Orthopaedic Surgeon Emeritus

RICHMOND STEPHENS, M.D.

Attending Orthopaedic Surgeons

IRVIN BALENSWEIG, M.D.

PETER C. RIZZO, M.D.

JOHN R. COBB, M.D.

L. RAMSAY STRAUB, M.D.

WILLIAM COOPER, M.D.

(Executive Assistant to

FREDERICK L. LIEBOLT, M.D.

Surgeon-in-Chief)

ROBERT L. PATTERSON, JR., M.D.

LEWIS CLARK WAGNER, M.D.

Associate Attending Orthopaedic Surgeons

ALEXANDER HERSH, M.D.

JEROME LAWRENCE, M.D.

PHILIP D. WILSON, JR., M.D.

(Executive Assistant to Surgeon-in-Chief)

Assistant Attending Orthopaedic Surgeons

THOMAS JOSEPH DRING, M.D.

SIDNEY EICHENHOLTZ, M.D.

JAMES NICHOLAS, M.D.

Orthopaedic Surgeons to Out-Patient Department

HOWARD BALENSWEIG, M.D.

I. DAVID HORWICH, M.D.

ANTHONY CAMARDA, M.D.

EDWARD B. LEAHEY, M.D.

ROLLA D. CAMPBELL, M.D.

FRANCIS T. LINDER, M.D.

FRANCIS J. FADDEN, JR., M.D.

VICTOR MAYER, M.D.

J. THEODORE GEIGER, M.D.

ANDREW SCHILDHAUS, M.D.

Assistant Orthopaedic Surgeons to Out-Patient Department

SAMUEL AVNET, M.D.

JOHN DOHERTY, M.D.

Research Fellows

ALFREDO BRODETTI, M.D.

J. PAUL HARVEY, M.D.

PETER MARCHESELLO, M.D.

DEPARTMENT OF RHEUMATIC DISEASES

Director

RICHARD H. FREYBERG, M.D.

Attending Physicians

WILLIAM H. KAMMERER, M.D.

WILLARD H. SQUIRES, M.D.

ROBERT M. LINTZ, M.D.

CORNELIUS H. TRAEGER, M.D.

Associate Attending Physicians

SIDNEY ROTHBARD, M.D.

EMMANUEL RUDD, M.D.

MARIAN TYNDALL, M.D.

Assistant Attending Physicians

CARL A. BERNTSEN, JR., M.D.

BERNARD ROGOFF, M.D.

ABRAHAM S. JACOBSON, M.D.

HAROLD R. WAINERDI, M.D.

MARJORIE B. PATTERSON, M.D.

MILTON A. WALD, M.D.

Physicians to Out-Patient Department

RICHARD A. P. CUPAIUOLI, M.D.

VERNON ERK, M.D.

Research Fellows

GUY GERMAINE, M.D.

JOSEPH PAILOU, M.D.

ABRAHAM RIVELIS, M.D.

SPECIAL SERVICES

CEREBRAL PALSY

Director

WILLIAM COOPER, M.D.

Assistant Attending Pediatrician

LEON CHARASH, M.D.

Research Fellow

WILLIAM HUNTER, M.D.

PEDIATRICS

Attending Pediatrician

HELEN HARRINGTON, M.D.

Assistant Attending Pediatricians

MARION McILVEEN, M.D.

LUCIE RUDD, M.D.

CARDIOLOGY

Attending Cardiologist

HENRY B. KIRKLAND, M.D.

Assistant Attending Cardiologist

CHARLES E. KIESSLING, M.D.

NEURO-MUSCULAR DIAGNOSTIC UNIT

Director

JOSEPH MOLDAVER, M.D.

Associate Attending Physicians

EDWARD GENDEL, M.D.

JOHN LoVERME, M.D.

Physician to Out-Patient Department

DONALD DOUGLAS, M.D.

DEMYELINATING DISEASES

Director

HAROLD R. WAINERDI, M.D.

Attending Neurologist

JOSEPH MOLDAVER, M.D.

Assistant Physicians to Out-Patient Department

JOHN BARRY DECKER, M.D.

PHILIP REILLY, M.D.

Clinical Research Fellow

LUIGIA NORSI, M.D.

REHABILITATION

Director and

Assistant Attending Physician

HAROLD N. WILLARD, M.D.

PODIATRY

Attending Podiatrist

SAMUEL BREZAK, Pod.D.

Associate Attending Podiatrist

SOL MELNICK, Pod.D.

Assistant Attending Podiatrists

MILTON CANE, Pod.D.

ROBERT HAYNES, Pod.D.

WILLIAM S. FURIE, Pod.D.

ALLEN JAY SLOANE, Pod.D.

Assistant Podiatrists to Out-Patient Department

LOUIS J. ARANCIA, Pod.D.

HERBERT GRAY, Pod.D.

MARIA T. GONZALEZ, Pod.D.

RALPH SIRULNICK, Pod.D.

DEPARTMENT OF PHYSICAL MEDICINE

Director Emeritus

KRISTIAN G. HANSSON, M.D.

Acting Director

OLAV AUSTLID, M.D.

Supervisor of Occupational Therapy

DORIS NICHOLS, O.T.R.

Supervisor of Physical Therapy

FLORENCE WINTER, R.P.T.

DEPARTMENT OF ROENTGENOLOGY

Director

ROBERT H. FREIBERGER, M.D.

Associate Director and Attending Roentgenologist

CHARLES BREIMER, M.D.

DEPARTMENT OF LABORATORIES

Director

MILTON HELPERN, M.D.

Biochemist

CHARLES JOSEPH UMBERGER, Ph.D.

Hematologist

KLAUS MAYER, M.D.

DEPARTMENT OF ANAESTHESIOLOGY

Director

CHARLES L. BURSTEIN, M.D.

Associate Attending Anaesthesiologist

ANDREW D. KERR, JR., M.D.

SPECIAL CONSULTANTS

CARLISLE S. BOYD, M.D.

Senior Consulting Physician and Physician-in-Chief Emeritus

RUSSELL L. CECIL, M.D.

Emeritus Chief, Clinic on Rheumatic Diseases & Consulting Physician

JOSEPH ALEXANDER, M.D., Medicine
THOMAS E. BAMFORD, M.D., Neurology
DAVID NYE BARROWS, M.D., Gynecology
PAUL E. BECHT, M.D., Dermatology
FENWICK BEEKMAN, M.D., Surgery
GEORGE L. BOWEN, M.D., Gynecology
PAUL H. BREUNING, M.D., Oto-Laryngology
HARRY BURNETT, M.D., Radiation Therapy
BRADLEY L. COLEY, M.D., Surgery
HERBERT CONWAY, M.D., Plastic Surgery
THOMAS K. DAVIS, M.D., Neurology
OSKAR DIETHELM, M.D., Psychiatry
JOHN DORSEY, M.D., Plastic Surgery
R. GORDON DOUGLAS, M.D., Gynecology
JOHN W. DRAPER, M.D., Urology
EDWARD DUNLAP, M.D., Ophthalmology
CARY EGGLESTON, M.D., Cardiology
HEINZ EICHENWALD, M.D., Pediatrics
JOHN A. EVANS, M.D., Roentgenology
DAVID GILLESPIE, M.D., Surgery
HENRY P. GOLDBERG, M.D., Pediatric Cardiology
ARTHUR GREELEY, M.D., Gynecology
PHYLLIS GREENACRE, M.D., Psychiatry
JULIUS HASS, M.D., Orthopaedics
H. MASON HICKS, M.D., Medicine
NORMAN L. HIGINBOTHAM, M.D., Surgery
THOMAS I. HOEN, M.D., Neurosurgery
CRANSTON HOLMAN, M.D., Surgery
VANSEL S. JOHNSON, M.D., Surgery
EDMUND JOYNER, M.D., Pediatrics
JOHN G. KIDD, M.D., Pathology
J. E. J. KING, M.D., Neurosurgery
SAMUEL KLEINBERG, M.D., Orthopaedics
BARBARA KORSCH, M.D., Pediatrics
ARTHUR KRIDA, M.D., Orthopaedics
CHARLES W. LESTER, M.D., Surgery
SAMUEL Z. LEVINE, M.D., Pediatrics
RAYMOND W. LEWIS, M.D., Roentgenology
EDWARD J. LORENZE, III, M.D., Rehabilitation

JOHN M. McLEAN, M.D., Ophthalmology
 ALLISTER McLELLAN, M.D., Urology
 ROLAND L. MAIER, M.D., Surgery
 VICTOR MARSHALL, M.D., Urology
 ROYAL MONTGOMERY, M.D., Dermatology
 JAMES A. MOORE, M.D., Oto-Laryngology
 S. W. MOORE, M.D., Surgery
 THOMAS MORRISSEY, M.D., Urology
 EDWARD NORTON, M.D., Ophthalmology
 R. TOWNLEY PATON, M.D., Ophthalmology
 HENRY S. PATTERSON, M.D., Medicine
 RUSSEL PATTERSON, M.D., Surgery
 MARY ANN PAYNE, M.D., Liver Diseases
 JOHN M. PEARCE, M.D., Pathology
 FRANK G. PETTENGILL, M.D., Medicine
 BRONSON RAY, M.D., Neurosurgery
 E. A. ROVENSTINE, M.D., Anaesthesiology
 MARIE LOUISE SCHOELLY, M.D., Pediatric Psychiatry
 C. WADSWORTH SCHWARTZ, M.D., Roentgenology
 RAMSAY SPILLMAN, M.D., Roentgenology
 FRED W. STEWART, M.D., Pathology
 PHILIP STIMSON, M.D., Contagious Diseases
 PURDY STOUT, M.D., Pathology
 JOHN E. SULLIVAN, M.D., Surgery
 WILLIAM J. SWEENEY, III, M.D., Gynecology
 JOHN A. TAYLOR, M.D., Urology
 HAROLD TEMPLE, M.D., Roentgenology
 HAROLD S. VAUGHAN, M.D., Oral Surgery
 PRESTON WADE, M.D., Surgery
 ARMITAGE WHITMAN, M.D., Orthopaedics

COURTESY STAFF

LEONORA ANDERSON, M.D., Rheumatic Diseases
 DONALD L. BURDICK, M.D., Anaesthesiology
 ELIZABETH CRAWFORD, M.D., Anaesthesiology
 HELENE D. MAYER, M.D., Anaesthesiology
 GEORGE WALLACE, M.D., Anaesthesiology

RESIDENTS & FELLOWS AWARDED CERTIFICATES

1956

Orthopaedic Service

EDWARD H. WILSON, JR., M.D. JOHN B. GRIFFIN, M.D.
 JOHN H. DOHERTY, M.D. ROBERTO F. OLMEDO, M.D.
 DAVID ROUX, F.R.C.S. (Eng.)

Research Fellow in Rheumatic Diseases

ABRAHAM L. RIVELIS, M.D. JEAN LeBAUDOUR, M.D.

ADMINISTRATIVE STAFF

1957

Director

T. GORDON YOUNG

Assistant Directors

WARREN E. UNGBERG

J. CALLENDER HEMINWAY, Public Relations

ROBERT C. THIESSEN, Accounts

Director of Nursing

MARY JEANNE CLAPP, R.N.

Assistant Director of Nursing, Nursing Service

KATHARINE E. HALSTED, R.N.

Assistant Director of Nursing, Nursing Education

D. DEAN SMITH, R.N.

Supervising Dietitian

ROSELEEN GOLDSTONE

Executive Housekeeper

ADELAIDE R. MALONEY

Pharmacist

VINCENT CONTI

Chief Engineer

HAROLD J. SULLIVAN

Purchasing Agent

HENRIETTA MENDOZA

Record Librarian

STELLA CICERO

SOCIAL SERVICE DEPARTMENT

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MARILYN E. GREEN
CARRIE HARLEY
BEATRICE HERBST

ELEANOR JEFFERY
LEONA LYONS
RUTH T. MANDEVILLE
MARGARET ROBY
JOYCE RUDENKO

DEPARTMENT OF VOLUNTEERS

AGNES McCABE, Director

CLARA A. ELMS, Assistant Director

HOSPITAL CHAPLAINS

1957

VERY REV. MSGR. JAMES G. WILDERS

Director of the Hospital Apostolate, Archdiocese of New York

RABBI ALEXANDER BURNSTEIN

Member of the New York Board of Rabbis

REV. JAMES A. PAUL*

AND

REV. HARRY S. FINKENSTADT, JR.

The Church of the Holy Trinity P.E., New York City

*Deceased

REPORT OF THE PRESIDENT

The Society's "outgo" exceeded its "intake" by \$72,016.53 in 1956. This was \$34,067.97 better than in 1955. The results are before depreciation on buildings, but after depreciation on equipment. After full depreciation, the "red figure" would be \$183,486.83.

As indicated in the report for 1955 the poor results in that year were due in large measure to the move from 42nd Street to 70th Street. Hence, the year is not a good year as a basis of comparison. In considering the results in 1956 it should be appreciated that \$43,549.15 was spent on pensions or the equivalent. Only \$18,013.44 was spent on this in 1955; and only \$11,750.00 in 1954.

One great difficulty in running a hospital is that of trying to compensate for losses by increasing rates. In many instances patients simply cannot pay more than they are paying; and in almost all other instances it is difficult for them to pay more. Thus raising rates causes hardship. And there is always risk of experiencing a diminishing return. We have consistently tried to avoid raising rates except when essential.

With respect to patient-care, the results in 1956, 1955, and 1954 were as follows:

	1956	1955	1954
Total In-Patients	2,120	2,278	3,164
Total Patient Days			
Private, Semi-Private and Ward	48,786	52,086	58,634
Average Daily Census	133	143	161
Percentage of Occupancy	81.3%	73%	70.1%
Number of Operations	1,302	1,554	2,062

Out-Patient Department

	1956	1955	1954
First Visits	13,228	13,057	13,898
Total Clinic Visits	57,989	52,656	54,927

Reference is made to the reports of the Surgeon-in-Chief, the Director of Education and Research, the Director of Nursing and the Director found in this volume. Therein are accounts of major events and records which I shall not reiterate.

The credit for what the hospital did in 1956 is due essentially to the professional and administrative staff and personnel. I refer to such men and women as Dr. T. Campbell Thompson, the Surgeon-in-Chief; Dr. Philip D. Wilson, Director of Education and Research; Mr. T. Gordon

Young, Director of the Hospital; Miss Mary Jeanne Clapp, Director of Nursing; Mrs. Glee Dervend, Director of Social Service; Mr. Harold Sullivan, Engineer; and Mrs. Adelaide Maloney, Executive Housekeeper.

Gifts by way of contributions, grants and legacies are essential if the hospital is to be kept strong. We are most appreciative of what the hospital's friends did in 1956. These friends included Mr. and Mrs. Frank Greenwall, Mrs. Edwin I. Hilson, Mr. Arthur A. Houghton, Jr., Mr. Andre P. Pillot and Mr. Frederick Sturges, Jr. We also received from Mr. George Murnane, as Executor of the Estate of Alfred Caspary, deceased, a gift of the Caspary Lodge in the Catskill Mountains at De Bruce, New York, with funds for its yearly upkeep and improvement. Gifts, through bequests, were received from the late Ella M. Coursen and Albert James Sheldon. We are also most grateful for the grant which we received from the Ford Foundation and the gifts received from the Mary W. Harriman Trust, the Schweckendieck Trust, the Walter Brooks Foundation, the Odlum-Cochran Foundation, Arthritis and Rheumatism Foundation, National Multiple Sclerosis Society, and United Cerebral Palsy of New York City. In addition, of invaluable help were the annual contributions of the United Hospital Fund and the Greater New York Fund.

Throughout the year the members of the Board of Managers were diligent and interested. I can say that from both a corporate and personal perspective they are a splendid group with whom to work. We record with sorrow the deaths of John Melcher, Secretary and for thirty-three years a member of the Board and of Dr. W. Morgan Hartshorn, a member of the Board from 1941 to 1955 and thereafter a member of the Advisory Council.

During the year Mr. Reginald T. Townsend, Member of the Board since 1944 and Corresponding Secretary from 1949 to 1956, resigned and was appointed a member of the Advisory Council. Mr. Lewis Lapham also resigned with regret.

We record the election of Mr. Alexander Duer Harvey, Dr. Richard N. Pierson, Mr. William H. Osborn, Jr., Mr. Frederick P. Hagaman and Mr. Albert C. Wall.

Respectfully submitted,

SAMUEL S. DURYEE
President

REPORT OF THE SURGEON-IN-CHIEF

The first full year for the Hospital for Special Surgery in the new building at 535 East 70th Street has been generally most successful. The facilities of the Hospital have proved to be as nearly perfect as one could hope. They are the envy of all visiting surgeons.

During this year, with the help of the Grant from The Ford Foundation, the unfinished north side of the fifth floor was completed, adding twenty-one beds to our capacity, which is now one hundred ninety-one.

Fortunately for humanity during the year 1956 there was a marked drop in the incidence of Acute (Anterior) Poliomyelitis. During the past ten years our Hospital has provided excellent care for a group of fifty or sixty unfortunate victims of this crippling disease. In fact, this Hospital provided practically the only facilities in New York City for the care of adults with Poliomyelitis. During 1956 only thirteen patients with Acute Poliomyelitis were admitted. The drop in Acute Poliomyelitis together with the opening of the new wing resulted in a lower percentage of occupancy than is desirable or economical. The development of special clinics and admission of more patients with hand problems, congenital deformities and neuromuscular disorders is planned for 1957.

The Hospital was most fortunate in receiving from the Caspary Estate, a gift of the Caspary Lodge in the Catskill Mountains at DeBruce, New York. This was presented to the Hospital for the use of the Medical Staff. It is a most delightful spot for vacationing, fishing and relaxing. The main house is beautifully furnished and well equipped to house nine or ten people. There are in addition, two guest cottages; the larger of which is now fully equipped for housekeeping as a separate unit and has room for seven or eight people. Funds for the yearly upkeep were part of the bequest and there was an additional Grant for improvements which should include a pool and tennis court. Many of the Staff enjoyed short stays at this Lodge during 1956 and it is anticipated that many more will use the facilities for weekends and vacations during 1957.

The book entitled "Lectures on Orthopaedics and the Rheumatic Diseases" which includes the scientific work presented at the Dedication of the Hospital for Special Surgery in September, 1955 was published in July, 1956 due to the generous gift of Mr. Andre P. Pillot of our Board of Managers.

The plans for the new Research Building on 71st Street are well under way and the Hospital Laboratory facilities have been taxed to the limit to provide space for the research workers until the new building is completed. It is most important that the Research Staff be built up as the Research Building goes up so that the topnotch research facilities which are being planned will have topnotch personnel. Office space for these research workers has been provided on other floors in the Hospital to allow the laboratory space to be used to the best possible advantage.

The Clinical and Research Staffs have been increased and improved by

the addition of several of our graduates and research workers in special fields. These are listed in the report of the Director of Research.

The following men completed their three years of orthopaedic training during 1956:

Dr. E. H. Wilson, Jr.
Dr. John B. Griffin

Dr. John Doherty
Dr. Robert Dow

The following Fellows studied at the Hospital for Special Surgery in 1956:

Dr. David Ronx
Dr. Roberto Olmedo
Dr. Rafael Donayre

Dr. Manoel A. Falcão, Jr.
Dr. Bernard Jacobs
Dr. Eduardo Castanon
Dr. Abraham Rivelis

Dr. John Doherty who completed his Residency on October 1, 1956 has taken over the full-time duties of Director of the Orthopaedic Service at the Bronx Veterans Administration Hospital. This Service is staffed by four Residents from the Hospital for Special Surgery. Each Resident spends one of his three years of orthopaedic training at the Bronx V.A. Hospital and six months on the Fracture Service at New York Hospital. This arrangement together with eighteen months of concentrated Orthopaedic training at the Hospital for Special Surgery gives each Resident a much more diversified and complete training than could be obtained in any one Hospital.

Dr. Sidney Eichenholtz who preceded Dr. Doherty as full-time Director at the Bronx V.A. Hospital will do private practice in Yonkers and will continue as a consulting surgeon at the Bronx V.A. Hospital. He was appointed Assistant Attending Orthopaedic Surgeon at the Hospital for Special Surgery.

Beginning in January, 1956 two Resident Surgeons from the Medical Service at New York Hospital have been assigned for duty at the Hospital for Special Surgery on the Rheumatic Diseases Section. This has resulted in greatly improved care of these patients.

There are now, at all times, six Residents from New York Hospital working at the Hospital for Special Surgery. There are two Surgical Residents on the Orthopaedic Service, two Medical Residents on the Rheumatic Disease Service and one Pediatric and one X-ray Resident. The Hospital for Special Surgery has two Residents serving on the Fracture Service at New York Hospital.

Teaching rounds are made twice a week on the Rheumatic Diseases Section and on the Orthopaedic Section rounds are made twice a week by the Surgeon-in-Chief with the House Staff. Regular weekly and monthly conferences are held by all the Services.

Out-Patient Department

The regular and special clinics of the Out-Patient Department must be well organized and staffed to take care of the large number of patients with crippling diseases.

The regular Orthopaedic Clinics are held five afternoons a week and the Rheumatic Disease Clinics on four mornings. To provide for special studies and treatment of certain patients many special clinics have been organized.

Teaching of medical students, undergraduate nurses and practical nurses has been carried on in all the regular and special clinics. The total clinic visits for 1956 was 57,517.

SPECIAL CLINICS:

1. Club Foot

Under Dr. Alexander Hersh, assisted by two Residents and one Fellow, 273 patients were treated during 1956. There were 1639 revisits and 16 were admitted.

2. Cerebral Palsy

Under Dr. William Cooper with twelve different specialist assistants 892 patients were examined and treated. Residents from the Neurological Service at New York Hospital also attended this Clinic.

3. Hand

Dr. L. Ramsay Straub with Dr. John Dorsey have developed an excellent hand service. Patients requiring surgery are admitted on a special service and after surgery are followed again in this special clinic.

4. Amputations

This clinic under Dr. Jerome Lawrence continues to be not only the first in New York City, but we think the best. Cooperation between the patient, the doctor, the limb fitter, the physiotherapist and occupational therapist is excellent. 520 visits were made in 1956.

5. Backs

Special back problems are seen in this clinic by Dr. Peter C. Rizzo, one of our attending surgeons with special interest in this subject.

6. *Scoliosis*

Dr. John R. Cobb assisted by Dr. Philip D. Wilson, Jr., continues with this clinic that is recognized everywhere as a model. 195 new patients were seen in 1956. There were 1421 visits to the clinic and 33 patients were admitted for correction and spine fusion.

7. *Demyelinating Diseases*

With the assistance of a most generous grant of \$20,000.00 from the Manhattan Chapter of the National Multiple Sclerosis Society, Dr. Harold R. Wainerdi has developed a marvelous service for this group of greatly disabled patients for whom there is as yet no specific treatment. With the assistance of neurologists from New York Hospital, special workers and volunteers 344 patients were examined and 9 admitted to the Hospital.

8. *Neuromuscular Diagnostic Unit*

Dr. Joseph Moldaver who cooperated with the multiple sclerosis and cerebral palsy clinics has organized an outstanding service for the diagnosis of all types of neuromuscular disorders. Special equipment for electromyography was made available due to the grant of the National Multiple Sclerosis Society, Manhattan Chapter.

9. *Chest Deformity Clinic*

Under Dr. Charles Lester, children with chest deformities are followed with some requiring operative correction. This clinic started 10 years ago at the old location has continued under Dr. Lester. Protrusion deformities of the chest as well as funnel chest are now being corrected.

DEPARTMENTS AND SPECIAL FACILITIES

The cooperation of all departments is most vital in a specialized Hospital such as this. All the important facts about each department cannot be enumerated but some of the following are of special interest.

Roentgenology

The number of examinations has increased from 14,000 in 1954 and 19,000 in 1955 to over 26,300 in 1956. Dr. Charles W. Breimer and Dr. Robert H. Freiburger took an active part in the x-ray conferences at New York Hospital and the x-ray Resident from New York Hospital

has an excellent opportunity for instruction in the interpretation of bone x-rays.

Physical Medicine

In this Department there was a decline in the total number of treatments from 34,965 to 33,164 largely because of the decrease in admissions of Poliomyelitis patients. The facilities for treatment of patients with neuromuscular disorders are unique.

Dr. Anna Kara has come on the Staff on a full-time basis and it is hoped that a training school for physiotherapists can be re-established.

The Occupational Therapy Department under Miss Doris E. Nichols has continued its excellent work. 198 patients received 3700 treatments and 5 students were trained during the year.

Laboratory

Dr. Milton Helpen assisted by Dr. Charles J. Umberger have maintained the high quality of laboratory work and have introduced several new procedures. A full-time pathologist has not yet been secured.

Orthopaedic Appliance Department

The orthopaedic brace shop under Mr. Carl Raminger continues to provide well made and well fitted braces for the patients who cannot expect functional improvement by other means.

Medical Library

This is one of the most valuable assets in the new Hospital. The librarian, Mrs. Kim Barrett has assisted greatly in the preparation of many of the papers written during 1956 by various members of the Staff.

Photography

The Photography Department under Mrs. Olive Fischer has not only continued to provide excellent photographs for the records, but also illustrations and slides for Staff members. Two new cameras in the operating rooms now give excellent pictures with minimum interference with the operating surgeon.

Records

The Hospital records at the Hospital for Special Surgery are all typewritten. This places a heavy burden upon this Department but where patients must be followed for months and years, it is essential, as hand written notes are often illegible even when first written.

Nursing Service

Under Miss Mary Jeanne Clapp the regular nursing in the Hospital has been maintained in as efficient manner as possible in spite of the shortage of all types of nursing personnel.

The Practical Nursing School has been most successful and during 1956, 3 classes with a total of 51 practical nurses were graduated. Many are now working in the various departments of New York Hospital-Cornell Medical Center including the Hospital for Special Surgery.

Social Service

The Medical Staff is most appreciative of their good work and the patients are most fortunate in having such a good Department. A report from this Department will be published separately.

Combined Services with New York Hospital

The Pediatric care of our patients under the supervision of Dr. Helen Harrington has been excellent. Each in-patient under 16 has a complete examination by the Pediatric Resident and those children in the out-patient department who do not have pediatric supervision in their own districts are checked in our special out-patient Pediatric Clinic. Any with special problems are referred to the appropriate special clinic in the Pediatric Department at New York Hospital.

Fracture Service

This Service is housed in New York Hospital. It is however under the combined direction of Dr. Preston Wade of New York Hospital and Dr. Robert L. Patterson of the Hospital for Special Surgery. It is staffed equally by doctors from both Hospitals and the patients are cared for by two residents from New York Hospital and two from the Hospital for Special Surgery. Patients are received from several other Hospitals by ambulance. This Fracture Service has grown steadily. In June, 1956 it held a 4 day Fracture-Trauma Course attended by 84 doctors. This was conducted at both Hospitals and will be repeated in June, 1957.

The year 1956 has been a most successful one for the Hospital. The facilities in the new building have proven excellent. The affiliation with New York Hospital has been mutually helpful. The whole future of the Hospital with its planned new Research Unit and its continued forward progress in all departments looks very bright.

Respectfully submitted,

T. CAMPBELL THOMPSON, M.D.
Surgeon-in-Chief

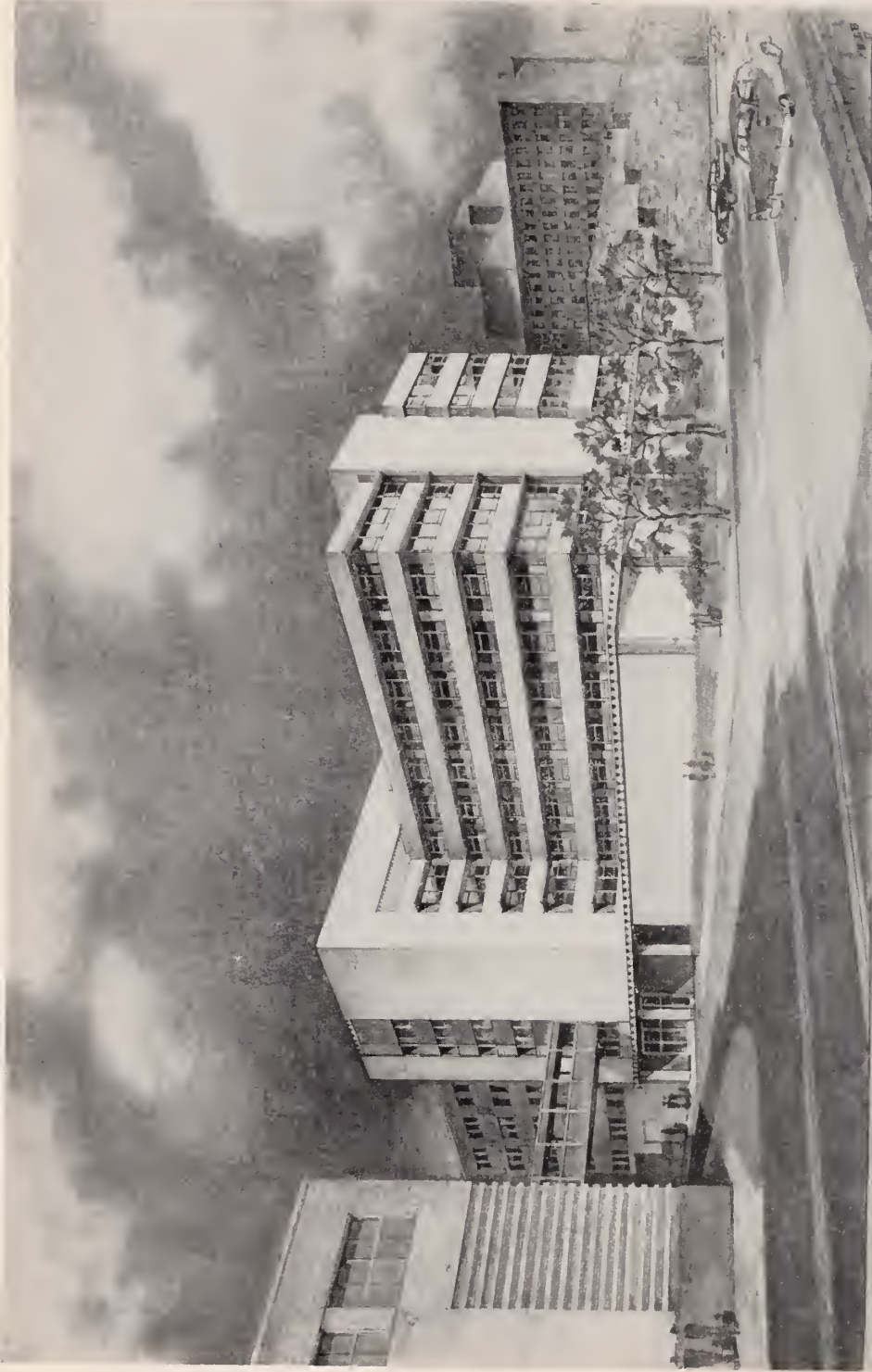
REPORT OF THE DIRECTOR OF EDUCATION & RESEARCH

We are living in an age of swift expansion of scientific knowledge. Medical progress in the last fifty years, has been rapid and has resulted from the multiplication of research into the causes and contributing factors of disease. Closely related to the advance of research has been the better post-graduate education of young doctors. It is only through research and education that mankind can hope to win the battle against disease. Medical Schools and their affiliated hospitals have an obligation to the public to continue their investigative efforts for the purpose of affording help to those who are physically afflicted in any way.

The Hospital for Special Surgery has not only a long record of professional service to patients, but also a well established reputation in both research and education. Every year, over a period of many years, doctors of its staff have been publishing articles in current medical journals reporting the results of studies of the causes of crippling deformities and diseases and of the methods of treatment that have been developed for their cure. Different from other fields of endeavor, the doctor of medicine has the obligation to make available to other members of his profession all new knowledge gained by investigation and here our doctors have done their share. These reports have contributed new knowledge in greater or lesser measure. Members of the hospital's medical staff were pioneers in the development of the specialty of orthopaedic surgery and among their contributions were many of great importance, such as, Virgil Gibney's articles on the treatment of tuberculosis of the hip joint; those of Royal Whitman on astragalectomy for the stabilization of paralytic feet, also his writings on improved methods of treatment of fractures of the hip and for the reconstruction of the hip joint when the fractured hip had failed to heal properly; also, William B. Coley's articles on the treatment of malignant tumors of bone. These are only to mention a few out of several hundreds of articles and books that have been published by members of the staff, incorporating knowledge acquired at the Hospital for Special Surgery.

When the Hospital for Special Surgery moved from 42nd Street to the new building on 70th Street, to become an affiliated unit of the New York Hospital-Cornell Medical Center, with the duty of furnishing the services in orthopaedics and rheumatic diseases, it was recognized that it would have to assume new responsibilities in teaching and research. These would include the teaching of under-graduate medical students in addition to an enlarged post-graduate training program in orthopaedics and in the rheumatic diseases, through residencies and fellowships. In order to uphold its own reputation for scientific progress, it would be necessary to expand its program of research.

Expansion of Research today means something quite different from what it did fifteen or twenty years ago. It is no longer possible to make



FUTURE RESEARCH BUILDING

progress by clinical study of patients alone. Instead it is necessary to employ new and advanced techniques which are based on laboratories manned by scientists skilled in other disciplines than medicine. Medical science is probing far deeper and more minutely than could possibly have been conceived a few years ago. It has passed the stage where it was concerned only with the function of the different organs, their inter-relationship and intermediary metabolism, and has now passed on to study of the cell and what goes on within its membrane. As a result of this progress the cost of research has become extremely expensive. Not only must salaries be found for full time investigators and their assistants, but many complicated and expensive pieces of apparatus and equipment must be supplied. Medical investigation of this type is moving forward in hospitals and medical schools throughout this country, and, indeed, throughout the world. If the Hospital for Special Surgery is to continue to hold a place of leadership in its specialty of orthopaedics and rheumatic diseases, it must be able to compete on equal terms with these other institutions.

Departmental Organization

In 1955 after the campaign to raise funds for the construction of the new hospital building had proved successful, the Board of Managers authorized a campaign to raise funds for an Education and Research program. Thanks to bequests from several generous friends of the hospital, including Alfred Caspary, William R. Coe and Helen E. Bicknell, the hospital was fortunate enough to obtain funds which permitted it to expand its current research program and to allow it to plan for still further expansion in the future. In order to carry out the terms of these bequests, the Board of Managers considered it advisable to organize a separate Department of Education and Research in the hospital under a committee called the Committee on Education and Research. This Committee consists of ten members, appointed by the Board of Managers, of whom five are lay members and five are medical or other scientific members of the Hospital Staff and is required to submit requests for quarterly appropriations and to account to the Board of Managers for expenditures made during each quarter. Subject to this budgetary requirement and to the general supervisory powers of the Board of Managers, the Committee on Education and Research has complete autonomy for the direction and control of the Research Program and for the expenditure of Research Funds. All funds given for education and research are kept separate and distinct from the other funds of the hospital and are accounted for accordingly. In this way the financial operations of the Education and Research Department are supervised and accounted for by the Board of Managers in keeping with their responsibility as Trustees of all funds given to the hospital.

Current Research Program

While most projects for medical research arise from problems encountered in treating patients, they can generally be separated in two categories:

1. Clinical investigation which comprises the study of patients' records, the methods of treatment used, the reports of the follow-up examination of these patients after a lapse of considerable periods of time, and conclusions based on the analysis of this clinical material.
2. Laboratory investigation in which the studies are carried out largely in the laboratory with biochemical studies of various body excretions, or of tissues obtained by operation, or by various types of experiments carried out on animals, such as the effects of drugs or diet upon various tissues and structures, or by surgical operation designed to reproduce conditions encountered in patients for the study of various methods of treatment, or for the investigation of new methods of operation or therapy. In addition, the physical and chemical properties of skeletal and other structures or tissues may be studied in laboratories equipped for that purpose. Radio-active techniques may be employed using various isotopes to measure the uptake in certain tissues and the clearing of these substances from the body by excretion.

The general mode of operation is for a member of the clinical or laboratory staff to submit an application for support of a project of research with an outline of the problem to be investigated, of the work that has previously been done on the subject, and of the objective that may be obtained by the study. The investigator also must describe the methods which he proposes to use, together with an estimate of the cost and the length of time required for the completion of the project. This application is reviewed by the Director and the Assistant Director of Research and after conference with the investigator, if required to clarify the project, it is then submitted to the Advisory Research Committee which is made up of the members of the Education and Research Committee who have medical or other scientific training. If the project is recommended by this group, it is then submitted to the Education and Research Committee which gives final approval and authorizes the hiring of necessary personnel and the expenditure of funds. These research projects are organized and carried on largely by medical members of the clinical staff of the hospital, sometimes in collaboration with the laboratory investigators. In addition, each of the laboratory heads is appointed because of his skill and experience in a special field of scientific interest which is related to orthopaedics or the rheumatic diseases and he is expected to conduct investigation in this field either with or without the assistance of members of the clinical staff. Such investigation may con-

tinue for years and generally opens up many side roads for additional research.

The development of the Research Program during 1956 involved expansion along different lines.

1. As a result of a letter sent by Dr. Thompson to members of the Clinical Staff, a large number of applications for research projects were submitted and of these sixteen were approved.
2. Progress was made in building up a faculty of laboratory investigators with the following appointments:

May 1, 1956—Felix Bronner, Ph.D.—Research Associate in Biochemistry, as of January 1, 1957. Field of interest: Calcium and other mineral metabolism.

June 5, 1956—Edgar A. Tonna, Ph.D.—Research Associate in Histo-cytochemistry. Field of interest: Study of biochemical activities of periosteum and other skeletal structures by histocytochemical techniques.

September 1, 1956—Ralph Heimer, Ph.D.—Research Associate in Rheumatic Diseases. Field of interest: Study of immunochemical and other serological reactions in the rheumatic diseases.

July, 1956—Organization of an Exchange Research Fellowship Program with Dr. Carl Hirsch, who heads the orthopaedic clinic of the University of Uppsala, Sweden, and is well known for his research work in different orthopaedic fields. Under this arrangement, Dr. J. Paul Harvey of our staff will proceed to Uppsala for a six-month period of study in Biophysical problems and, in exchange, we will receive Dr. Alfredo Brodetti with the appointment of Orthopaedic Research Fellow for a period of six months or longer to carry on similar work in our laboratory.

3. September, 1956—Appointment of a Hospital for Special Surgery Radio-active Isotope Committee. This is required by the regulations of the U. S. Atomic Energy Committee in order to supervise work with radio-active isotopes. The Committee has made application for licensing by the A.E.C.

Committee members:

Robert H. Freiburger, M.D., Chairman
Milton Helpert, M.D.
Russell Gee, M.D.
Felix Bronner, Ph.D.
Helen Focht, Ph.D., Physicist
Bernard Rogoff, M.D.
Director of Hospital (or representative)
ex-officio
Hematologist (to be appointed)

4. The equipping and furnishing of two new biochemistry laboratories for Dr. Heimer, the equipping and furnishing of a new laboratory for Dr. E. Tonna, for work in Histo-cytochemistry.
5. Of the total of 26 research projects that have been undertaken from July 1, 1955 to December 31, 1956, three have been completed, and the remainder are continuing. The material obtained from these studies provided subjects for six presentations at medical meetings and eleven papers embodying the results of work done are either in current preparation or awaiting publication in current scientific journals.

Future Plans

The objective for the future development of research at the Hospital for Special Surgery is the creation of a research center where investigation can be conducted into all the diseases and crippling conditions that are encountered in the fields of orthopaedics and rheumatic diseases. This requires an expansion of facilities that will permit research along fundamental and scientific lines and the use of all the different scientific disciplines and the latest and most modern equipment.

The problems to be attacked are manifold, as may be seen from the following tabular presentation:

I. *Skeletal Structures* (Bone)

1. Studies of structure, physical and dynamic properties.
2. Physiologic and biochemical studies with reference to bone diseases such as osteitis deformans, Gaucher's Disease, renal rickets, osteoporosis, osteomalacia and decalcification.
3. Studies of bone repair at different ages with reference to finding quicker methods of healing of fractures, more secure methods of fixation and avoidance of non-union and also better methods of bone grafting.
4. Malignant and benign tumors of bone. Studies to find the cause, methods of prevention and better methods of treatment.

II. *Joint Structures*

1. Studies of the effects of injury and repair of cartilage.
2. Causes, prevention and better treatment of osteo-arthritis particularly of the spine, knee and hip.

III. *Congenital Deformities of the Bones and Joints*

Many conditions are included under this heading such as Club Foot, Spinal Deformities, Congenital Dislocation of the Hips and other joints to name only a few.

Although these conditions have been recognized and treated for many years often with good results, their cause is still unknown. While we must always seek to improve our methods of treatment, the greatest hope lies in finding the cause after which there is possibility of finding means of prevention.

IV. *Cerebral Palsy*

Until recently this was the second largest cause of crippling in children and now with the anticipated waning of poliomyelitis, as a result of the Salk vaccine program, it threatens to become the No. 1 disabler.

It is largely a disease of the newborn, like congenital deformities of the bones and joints, and therefore amenable to the same type of studies to find the cause, thereby opening the road for prevention. This requires exploration of the whole field of genetics and embryology, and studies of the prenatal and perinatal influences on the growth and development of the child. Some may think that it is impossible to make progress along these lines, but we are living in an age where the impossible of yesterday is the commonplace of today and responsible doctors believe that investigation in this field is by no means hopeless.

V. *Paralytic Conditions*

Many patients are crippled by diseases of the central nervous system, of the peripheral nerves and of the muscles.

Multiple Sclerosis and Muscular Dystrophy are typical of these conditions and their causes are still mysteries in spite of extensive research and investigation. We intend to study these conditions and are planning facilities which will permit our participation in this work and contribution to greater knowledge of these diseases.

VI. *Spinal Deformities*

While we know the cause of many types of Scoliosis, there is still one very common form, the cause of which is not known. The Hospital for Special Surgery has specialized in the treatment of Scoliosis for many years and is treating hundreds of patients. Research to find the cause of this condition and to provide better methods of treatment will continue and we hope prove fruitful.

VII. *Rheumatoid Arthritis*

Rheumatic diseases are among the most frequent of crippling conditions and up to now have presented a baffling problem, both from the standpoint of cause and control. This represents one of the most fruitful fields for research and progress here would bring benefit to untold multitudes of people.

Extensive investigations of this disease have been carried on over the years at H.S.S. and will continue with possibility of expansion in enlarged laboratories. More must be learned of the structure and function of the connective tissue system which seems to be implicated with special reference to hormonal influences and enzyme systems. Work should also be intensified in the field of immunology and in fractionation of the serum globulin. Progress can only result from concerted and enlarged effort.

While research into many of these problems or into various aspects of these problems is being carried on extensively at present, in general the work is being done in separate laboratories in different institutions and with little or no coordination of effort between the various investigators. There does not exist anywhere in the world a research institution that is equipped and staffed for so many different kinds of work and investigation in the field of orthopaedics and crippling diseases as is visualized here.

The Hospital for Special Surgery, in the last few years, has benefitted from legacies and gifts designated for Research totalling well over six million dollars. Among these is a legacy of two million dollars of which one million and a half dollars are designated for the cost of a research building, and the balance to produce income. Two other legacies are trust funds which are designated for the payment of annual income for the support of research. It seems possible, therefore, to proceed with the construction of a research building and in cooperation with Rogers and Butler, our architects, plans are being prepared. According to present estimates the cost of the building, including fixed equipment will be approximately \$2,150,000. The hospital has made application for a grant-in-aid from the U. S. Public Health Service for half the cost of the construction of the scientific facilities of the building. Our hospital seems fully qualified to receive a grant under the terms of the law, but doubtless there are many other applications and we will be satisfied as long as a substantial award is made.

The hospital owns an area of land immediately to the north of 71st Street, and facing on the East River which constitutes an ideal building site. As presently planned, the building will provide a basement and a ground floor for the off-street parking of automobiles, one floor for animal care, mechanical equipment and administration and two floors of

completed laboratories each with an area of 8400 square feet. There will be two unequipped floors which will allow for future expansion. The building will be connected with the present hospital building by a level bridge entering through the present research laboratories on the second floor. It is hoped that ground may be broken for the construction of this building in 1957. When this building is completed, the hospital will have unexampled modern facilities for research. Already this new space is badly needed, as the expansion of the department during the past year and a half has been so rapid that existing quarters have become completely inadequate and crowded.

It is difficult to estimate the operating costs of this new research center and, of course, the amount of work that can be done will depend upon the amount of financial support that can be obtained. If it were operating at maximum capacity, an annual income of upwards of \$400,000 would probably be required and at present we may anticipate from existing funds, an income of between \$100,000 and \$150,000 annually. This income is designated primarily for the payment of the salaries of the research faculty and it is hoped that many of these investigators will be able to obtain support for their worthwhile projects of research from grants-in-aid from foundations or from public funds. Undoubtedly, however, more institutional income is required. The need is in the neighborhood of \$100,000 annually. This requires an all out effort to raise additional capital to yield such income and it will be necessary to lay this need before the friends of the hospital in the hope of benefitting further from their generosity.

Respectfully submitted,

PHILIP D. WILSON. M.D.
Director of Research

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FRANK FIORESE, Ph.D., Laboratory of Biochemistry
FELIX BRONNER, Ph.D., Bicknell Research Associate in Mineral Metabolism

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ANNUAL REPORT OF THE DIRECTOR

Nineteen Hundred and Fifty-six was an important and eventful year for the hospital. It represented the first full period of time against which traditional standards of measurement could be applied to the new realities brought about by the decision in 1949 to affiliate with a medical teaching center.

One important reality has been the fine spirit of cooperation extended to this hospital by the administrative and professional staffs of the New York Hospital-Cornell Medical Center during this stabilizing period of our affiliation and development of such programs as: the exchange of house staffs; the exchange of consultative service for in-patient care; the affiliation of the New York Hospital student nurses for orthopaedic training; the absorption into our clinics of medical students from Cornell Medical College.

Midway in the year, we started work on the fifth floor unassigned area which has added twenty-six beds to our capacity. Our deep appreciation to the Ford Foundation which allocated \$106,600 to our hospital for expansion of facilities, new fellowships for doctors and scholarships for nurses.

With our patients foremost in our minds, we made our Lecture Hall available to them as a chapel for the observance of their religious preference. We introduced a selective menu to all patients, a measure taken in stride by our Dietary Department and most cordially received by our patients. During the year we polled our patients asking for their opinion of our nursing service and food service. The results of these unsigned questionnaires were sufficiently enlightening as to merit continuing the practice and amplifying it to include other services in contact with patients. An innovation for our out-patients was the coffee cart service two days a week by the members of our Women's Auxiliary.

The Department of Research has now taken its rightful place in our hospital. Space allocated on the 2nd Floor is already too small. Everyone is looking forward to the breaking of ground for the new research building on 71st Street.

In February, reacting to the stimulus of anticipating higher operating costs, we were obliged to increase some of our ancillary rates and out-patient department fees. In addition, we entered into negotiations with all third party contractors of hospital care. In several instances, we obtained a new reimbursement rate more closely in line with our costs. We revised our methods of rating clinic patients and set up new standards for granting allowances. This revision, a new NCR register and the yeoman's service provided by our volunteers have helped to speed up and ease the bottleneck that was particularly irksome to all concerned.

Early in 1956, the Board of Managers approved and adopted a fully

funded pension program for our employees. In the course of the year, four long term employees were retired, namely,

Joseph Schlatter, leatherman, 43 years of service

Beatrice A. McEwan, purchasing agent, 32 years of service

Isabell M. Gustin, nurse, 28 years of service

John Wondrash, porter, 27 years of service

The Spring Festival Variety Show and the Annual R. & C. Ball highlighted the social events of the year, together with the Royal Danish Ballet Benefit whose prime purpose was to raise funds for the hospital.

In August of this year, the hospital was given a handsome, Normandy style hunting and fishing lodge in DeBruce, New York. This Catskill property, together with an endowment for its support, was the gift of the Estate of Alfred H. Caspary. It is intended that the lodge be used as a vacation site for our medical staff.

We regret to report the following deaths during the year:

Agnes Donohue, chief clerk, Accounting Department

Anna Ryan, nurse, Central Sterile Supply

John Melcher, secretary, Board of Managers

W. Morgan Hartshorn, M.D., member, Advisory Council

Mrs. Ernest B. Osborne, member, Women's Auxiliary

Another significant event which manifested itself in the last quarter of the year was the sharp decline in patient days. This was due primarily to a marked decline in polio admissions which would seem to indicate a remarkable degree of effectiveness as regards the Salk Vaccine inoculation program. Statistically for the year, we had 48,786 patient days which reflect an occupancy of 78.41%. No valid comparison can be made against prior year statistics inasmuch as this year was our first complete year of operation here. However, the results of our fourth quarter would seem to point out the direction in which our major efforts lie this coming year.

The problems of the administrator have been made easier by the willingness of the individual members of the Board and its committees to come to his assistance at any time. The professional staff, volunteers, and hospital personnel, a team not excelled anywhere, have worked together for the common good of our patients. To each and all I acknowledge a deep personal debt of gratitude.

Respectfully submitted,

T. GORDON YOUNG
Director

REPORT OF THE DIRECTOR OF NURSING

Nursing Service

In 1956, the first complete year of occupancy in our new hospital, various trends in types of patient care, availability of personnel, and demands on nursing service became evident.

We had a great reduction in the number of polio patients and more patients with rheumatic diseases. There has been added medical activity during the evening hours which has in turn materially increased the nursing activities and responsibilities in the 4-12 shift. We have been constantly met with the problem of having enough professional nurse supervision for the overwhelming majority of non-professional personnel. This last has been helped to a certain extent by increasing the ratio of licensed practical nurses to nurses' aides, inasmuch as we are unable to obtain enough registered nurses. The following table shows the number and percentage of the various categories of nursing personnel who are caring for patients. Those people in administration, nursing education, the central supply room, the operating room and the out-patient department are not included in these figures.

Numbers and Percentages of Nursing Personnel Caring for In-Patients

	January 1, 1956		December 31, 1956	
	No.	% of total	No.	% of total
R. N.	32	26	25	21
Lic. Pract.	30	24	45	38
Nurses' Aides & Orderlies.....	63	50	49	41

It will be seen that at the beginning of the year half of all the care given our patients was given by aides and orderlies. Although this figure dropped to 41% at the end of the year, it is still rather distressing since a great part of that kind of care was on the evening and night shift when there is less supervision by professional nurses. It is difficult to hold good people on the evening shift because of transportation problems occasioned by the late hour of the end of the shift.

In February of 1956, a grant was received for a nursing research project. The primary purpose was to compile statistics of our existing nursing practices in an attempt to determine the optimum kind and amount of nursing coverage for our kind of hospital. No such figures are now in existence. It is expected that at the completion of the project, findings will emerge which will materially assist us as well as other hospitals caring for long-term illness patients.

During November, a questionnaire was circulated to all our patients pertaining to the nursing care received. In general, comments were favor-

able, although many felt that the kind and numbers of personnel on the evening shift could be improved.

It is increasingly difficult to employ registered nurses to work in operating rooms, a fact which seems to be true in most hospitals. At the end of the year, the work in our operating room was curtailed by an inadequate staff. This probably will result in a more wide-spread use of a relatively new group of employees who function as surgical technical aides.

Nursing Education

During the year, three different educational programs were in progress.

The following table shows the numbers admitted to and graduated from the School of Practical Nursing.

<i>Date Admitted</i>	<i>No. Admitted</i>	<i>Date Graduated</i>	<i>No. Graduated</i>
Jan. 17, 1955	21	Jan. 14, 1956	16
May 16, 1955	21	May 12, 1956	15
Sept. 5, 1955	25	Sept. 8, 1956	20
Total—1955	<hr/> 67	Total—1956	<hr/> 51
Jan. 3, 1956	21	Jan. 5, 1957	16
May 14, 1956	13		
Sept. 4, 1956	19		
Total—1956	<hr/> 53		

Of the 51 students who graduated during 1956, 19 were employed here as of December 31, 1956. Without a doubt, the school has been an asset to us as a source of well-trained employees.

On Sept. 13, 1956, the State Education Department visited us to survey the School for re-approval. Although the official notification had not been received by Dec. 31, 1956, the report of the survey visit was quite complimentary.

In March, we received our first affiliated students from The New York Hospital-Cornell University School of Nursing. From March to September, we had groups of senior students for one month each who received experience in orthopaedic nursing. Groups of junior students also started in March for two-month periods for experience in the nursing care of patients with long-term illnesses. This program is still in progress.

During the year, meetings were held at two week intervals for the in-service education of our nursing personnel. This program has been well received, especially by the non-professional group. We hope to enlarge the scope of this phase of nursing education during the coming year.

We have been fortunate in obtaining a very well-prepared faculty, both

here and for our practical nurse students who affiliate at The New York Hospital. Our principal problem in the School for Practical Nursing is to attract well-qualified applicants.

The Nursing Department was fortunate in receiving some of the funds from the Ford Foundation to be used for scholarship aid. We hope that by the judicious use of this money, the general educational atmosphere of the department will be improved with the result that our patients will receive ever-improving care and that we will be able to attract more well-qualified nurses.

Respectfully submitted,

MARY JEANNE CLAPP, R.N.
Director of Nursing

MACNICOL, JOHNSON & CO.
CERTIFIED PUBLIC ACCOUNTANTS
50 CHURCH STREET
NEW YORK 7, N. Y.

AUDITORS' CERTIFICATE

Board of Managers

New York Society for the Relief of the
Ruptured and Crippled Maintaining the
Hospital for Special Surgery and the
Margaret M. Caspary Clinic
New York 17, New York

We have examined the balance sheet as of December 31, 1956, of the New York Society for the Relief of the Ruptured and Crippled, maintaining the Hospital for Special Surgery, and the Margaret M. Caspary Clinic, and the related statements of income and expense for the year then ended.

The records of the Investment Fund, Permanent Funds, Temporary Funds for Designated Purposes and the Plant Fund are maintained by the United States Trust Company of New York. We reviewed these particular records, but we did not make a detailed audit of any other than the records of the Research Funds which form part of the Temporary Funds. The details of the assets and principal balances of these funds at December 31, 1956 and the transactions of these funds during the year, as incorporated in the accompanying balance sheet and supporting schedules, were furnished to us by the United States Trust Company.

Our examination of the Operating Fund, Building Fund and the Research Funds, was made in conformity with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances, except that we did not confirm accounts receivable by correspondence.

In our opinion, subject to the foregoing, the accompanying balance sheet and supporting schedules and the statement of income and expense fairly present the condition of the Society at December 31, 1956 and the results of its operations for the year then ended, in accordance with generally accepted principles of accounting, applied on a basis consistent with that of the preceding year.

MACNICOL, JOHNSON & CO.

New York, N. Y.
June 5, 1957

NEW YORK SOCIETY
FOR THE RELIEF OF THE RUPTURED AND CRIPPLED
MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY
MARGARET M. CASPARY CLINIC

Condensed Comparative Statement of Income and Expenses
for the Years Ended December 31, 1956 and December 31, 1955

	<i>Year Ended December 31,</i>	
	<i>1956</i>	<i>1955</i>
OPERATING INCOME:		
Income from Patients after Deductions	\$1,514,934.43	\$1,395,735.67
Other Hospital Operating Income	125,252.29	85,744.29
<i>Total Hospital Operating Income</i> ..	<u>1,640,186.72</u>	<u>1,481,479.96</u>
OPERATING EXPENSES:		
Salaries and wages	1,449,215.17	1,373,820.10
Supplies and expenses	621,899.08	538,908.31
Depreciation of building and equipment	151,470.09(a)	—
<i>Total Operating Expenses</i>	<u>2,222,584.34</u>	<u>1,912,728.41</u>
<i>Hospital Operating Loss</i>	<u>582,397.62</u>	<u>431,248.45</u>
Less:		
Transfers from Temporary Funds for Free Work, Development Work in Cerebral Palsy and Research	97,705.24	56,069.52
<i>Excess of Hospital Operating Expenses over Hospital Operating Income</i> ..	<u>484,692.38</u>	<u>375,178.93</u>
SUPPLEMENTARY INCOME:		
Investment income	197,466.51	174,262.56
Income from Estates and Trusts	53,444.57	49,673.40
General Donations	116,202.15	100,101.70
<i>Total Supplementary Income</i> ..	<u>367,113.23(b)</u>	<u>324,037.66</u>
<i>Total Deductions from Supplementary Income</i>	<u>68,407.70</u>	<u>54,943.23</u>
Supplemental Income (Net) Credited to Invest- ment Fund Principal	<u>298,705.53</u>	<u>269,094.43</u>
<i>Excess of Expenses over Income for Year</i> ..	<u>\$ 185,986.85</u>	<u>\$ 106,084.50</u>

(a) Initial provision depreciation of building and equipment based on a plant ledger installed during the year 1956.

(b) Excluding legacies and gifts for special purposes amounting to \$573,203.74.

NEW YORK SOCIETY FOR THE RELI
MAINTAINING THE HOSPIT
MARGARET

Comparative Balance Sheet as of Decem

	A S S E T S	
	December 31, 1956	December 31, 1955
OPERATING FUND		
Cash in banks and office.....	\$ 86,344.19	\$ 64,815.35
Patients' accounts receivable.....	\$ 167,396.03	\$ 174,237.40
Less: Allowance for uncollectible accounts.....	71,614.77	66,349.83
Due from Blue Cross Plans.....	38,647.56	19,183.68
Due from National Foundation for Infantile Paralysis.....	13,267.23	17,532.72
Due from the City of New York.....	4,558.86	—
Miscellaneous accounts receivable.....	1,574.87	1,500.96
Inventory of supplies.....	36,269.29	36,236.73
Prepaid expenses.....	15,118.00	14,341.60
Deferred expense.....	57,052.22	48,231.93
<i>Total Operating Fund.....</i>	<u>348,613.48</u>	<u>309,730.54</u>
INVESTMENT FUND		
Cash, U. S. Trust Co.....	19,613.57	43,751.40
Cash, Seamen's Bank for Savings.....	2,197.78	2,226.09
Deposit (Purchase Contract dated 9/30/1956).....	110,108.50	—
Loan receivable.....	1,858.00	—
Investments (Market value \$4,331,394.85).....	3,461,891.05	3,706,290.25
Net interest in real property.....	—	4,804.55
<i>Total Investment Fund.....</i>	<u>3,595,668.90</u>	<u>3,757,072.29</u>
PERMANENT FUNDS		
Cash.....	45,719.01	213,696.29
Investments (Market value \$1,221,045.94).....	1,080,603.09	812,507.88
<i>Total Permanent Funds.....</i>	<u>1,126,322.10</u>	<u>1,026,204.17</u>
TEMPORARY FUNDS FOR DESIGNATED PURPOSES		
Cash.....	201,144.52	152,997.74
Investments (Market value \$2,952,130.95).....	3,061,298.14	2,983,790.02
<i>Total Temporary Funds.....</i>	<u>3,262,442.66</u>	<u>3,136,787.76</u>
BUILDING FUND		
Cash.....	48,373.59	103,011.67
Expended on construction in process.....	—	45,990.26
<i>Total Building Fund.....</i>	<u>48,373.59</u>	<u>149,001.93</u>
PLANT FUND		
Hospital properties and equipment.....	6,957,642.40	6,592,106.62
Less: Accumulated depreciation.....	151,470.09	—
<i>Total Plant Capital.....</i>	<u>6,806,172.31</u>	<u>6,592,106.62</u>
<i>Total Assets.....</i>	<u>\$15,187,593.04</u>	<u>\$14,970,903.31</u>

THE RUPTURED AND CRIPPLED
OR SPECIAL SURGERY
SPARY CLINIC

, 1956 and December 31, 1955

LIABILITIES, CAPITAL AND SURPLUS

	December 31, 1956	December 31, 1955
OPERATING FUND		
Accounts payable	\$ 47,957.30	\$ 81,509.54
Accrued salaries payable	41,989.64	32,165.17
Taxes payable	18,444.07	15,335.96
Sundry liabilities	12,451.09	33,698.51
Unexpended balances of special funds	14,017.08	9,123.75
Reserve for insurance premium adjustments	36,000.00	31,921.02
<i>Total Operating Fund Liabilities</i>	<u>170,859.18</u>	<u>203,753.95</u>
WORKING CAPITAL	177,754.30	105,976.59
<i>Total Operating Fund Liabilities and Working Capital</i>	<u>348,613.48</u>	<u>309,730.54</u>
TOTAL INVESTMENT FUNDS PRINCIPAL	<u>3,595,668.90</u>	<u>3,757,072.29</u>
PERMANENT FUNDS PRINCIPAL		
Principal—Unrestricted as to Use of Income	242,442.29	232,476.97
Principal—Restricted to Use of Income	833,075.69	781,196.75
Unexpended balance of Restricted Income	50,804.12	12,530.45
<i>Total Permanent Funds Principal</i>	<u>1,126,322.10</u>	<u>1,026,204.17</u>
UNEXPENDED BALANCES OF TEMPORARY FUNDS FOR DESIGNATED PURPOSES		
Principal	3,229,700.49	3,123,414.80
Unexpended income balance	32,742.17	13,372.96
<i>Total Temporary Fund Principal</i>	<u>3,262,442.66</u>	<u>3,136,787.76</u>
BUILDING FUND PRINCIPAL	<u>48,373.59</u>	<u>149,001.93</u>
PLANT CAPITAL	6,806,172.31	6,592,106.62
<i>Total Liabilities, Capital and Surplus</i>	<u>\$15,187,593.04</u>	<u>\$14,970,903.31</u>

NEW YORK SOCIETY FOR THE RELIEF OF THE RUPTURED AND CRIPPLED
MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY
MARGARET M. CASPARY CLINIC

Summary of Changes in Principal Balances of All Funds
During the Year Ended December 31, 1956

	<i>Total All Funds</i>	<i>Working Capital</i>	<i>Investment Fund Principal</i>	<i>Permanent Fund Principal and Restricted Income</i>	<i>Temporary Funds for Designated Purposes</i>	<i>Building Fund Principal</i>	<i>Plant Capital</i>
BALANCE—December 31, 1955	\$14,767,149.36	\$105,976.59	\$3,757,072.29	\$1,026,204.17	\$3,136,787.76	\$149,001.93	\$6,592,106.62
Add:							
Legacies and gifts	573,203.74		28,398.60		542,851.03	1,954.11	
Net profit from sale of investments	195,796.28		130,463.53	61,844.26	3,488.49		
Transfers from other funds	945,274.16	556,470.09	26,947.49			33.98	361,822.60
Non-operating income (net)	443,359.90		298,705.53	45,125.19	98,710.61	818.57	
Adjustments applicable to prior years	28,366.20		24,653.02				3,713.18
<i>Total Additions</i>	<u>2,186,000.28</u>	<u>556,470.09</u>	<u>509,168.17</u>	<u>106,969.45</u>	<u>645,050.13</u>	<u>2,806.66</u>	<u>365,535.78</u>
Deduct:							
Disbursements charged against principal or accumulated income	243,855.23		217.55	6,817.54	236,820.14		
Initial cost of employees past service liability under pension plan	262,594.01		262,594.01				
Transfers to:							
Working capital	556,470.09		405,000.00				151,470.09(a)
Investment Fund Principal	26,947.49				26,947.49		
Building Fund Principal	33.98			33.98			
Plant Capital	361,822.60		2,760.00		255,627.60	103,435.00	
Hospital operating loss	484,692.38	484,692.38					
<i>Total Deductions</i>	<u>1,936,415.78</u>	<u>484,692.38</u>	<u>670,571.56</u>	<u>6,851.52</u>	<u>519,395.23</u>	<u>103,435.00</u>	<u>151,470.09</u>
BALANCE—December 31, 1956	<u>\$15,016,733.86</u>	<u>\$177,754.30</u>	<u>\$3,595,668.90</u>	<u>\$1,126,322.10</u>	<u>\$3,262,442.66</u>	<u>\$ 48,373.59</u>	<u>\$6,806,172.31</u>

(a) Depreciation on buildings and equipment for the year 1956.

REPORT OF CHAIRMAN THE WOMEN'S AUXILIARY

Since this is the first report of the Women's Auxiliary which I am privileged to submit, I should like to state that because of the responsive interest and activity of the members of the Auxiliary it has been possible to carry on the programs of the former Chairman, Mrs. John H. Reynolds, who for twenty years devotedly piloted the Women's Auxiliary Social Service Committee and to further extend the scope of its activities.

Any annual report necessarily includes a recapitulation of activities but does not always integrate the reasons for these activities or point out the motivation behind them. As Chairman, it seemed to me that a closer understanding of the committee and its functions was needed both by the committee and the other working bodies in the hospital,—a larger interest-sharing by all concerned. For example who are the Auxiliary members, what had they done and what were they doing and how do their activities affect the well-being of the hospital?

Mrs. Mac Fadden Center undertook the job of introducing the members of the Committee to the staff and volunteers of the hospital in a series of "Profiles" published in the Record and Chronicle. These introductions in print were followed by a joint meeting of the Auxiliary and the volunteers at a panel discussion in which Dr. L. Ramsay Straub, Executive Assistant to the Surgeon-in-Chief, together with representatives from the Nursing Service, Department of Physical Medicine, Social Service and Volunteer departments presented two patients giving an outline of their case histories and treatments from arrival at the hospital to their subsequent status as out-patients.

Dr. William Cooper at a later meeting of the Auxiliary presented the problems of Cerebral Palsy and Mrs. Leona Lyons of Social Service sketched some case histories of patients and indicated that simple daily routine could prove complex for these patients.

Recognition of the out-patient needs prompted the members of the Auxiliary to offer free coffee and tea to those who were waiting in clinic to be called. This service, instituted on a trial basis in March and directed by Mrs. T. Campbell Thompson, proved to be an outstanding success, appreciated by the patients, the hostesses and the administration. The service would not have been possible had it not been for the generous support of Dr. Richard Freyberg and the members of the Auxiliary.

To develop appreciation of volunteer service in its broadest sense one of the outstanding volunteers of the day was invited to speak to the Hospital for Special Surgery's "Blue Coats" at the Awards Tea held in the new auditorium on May 3rd. The Honorable Mary Pillsbury Lord, alternate United States Representative to the 10th Regular Session of the General Assembly of the United Nations and Representative on the Commission on Human Rights graciously accepted the Chairman's invitation

and outlined volunteering as she had lived it and met it during her world travels.

To make the Hospital for Special Surgery and its needs better known to our friends, the Women's Auxiliary readily agreed to assist Mrs. Edwin I. Hilson, Chairman of the Danish Ballet Benefit, with both the purchase and sale of tickets. The Ballet, for all who were privileged to see it, will remain a bright memory of an exquisite and enchanting evening.

Since no committee can properly function without by-laws, and since the first chairman of the Social Service Committee (so called in 1914) must have buried her By-laws in some leaden capsule for future generations to discover, it was necessary to prepare a workable instrument and to achieve this end, Mrs. Robert L. Patterson and her committee, Mrs. Charles S. Bannerman, Mrs. Walter D. Fletcher, Mrs. Bethuel M. Webster, Mrs. M. Henry Hoepf, ex-officio, painstakingly devoted themselves. The proposed by-laws were submitted to the Auxiliary with the suggestion that the name be changed from the more cumbersome title Women's Auxiliary Social Service Committee to the Women's Auxiliary (of the Hospital for Special Surgery) actually the name of the Committee in 1927. The By-laws were approved in December and forwarded to the Board of Managers for their consideration. (They have since been approved by the Board of Managers).

Heretofore, that is for the last 30 years, the women's committee (under its various titles) have been specifically interested in the well-being of the Social Service, Occupational Therapy, Patient's Library, Gift Shop, the Volunteer Department and fund raising for the United Hospital Fund, with well organized committees for all departments with the exception of Social Service. The need for a well informed group, interested in the total functioning of the Social Service Department and the Department's role as an integral and important part of the hospital was felt. The committee will advise with the Director of the Department relative to matters of departmental policy, help to stimulate volunteer activity in social service and represent the department on committees of community agencies encouraging lay as well as professional participation.

While there has been, in the last two decades, no special Social Service committee in existence, the Auxiliary right along have helped Social Service by providing it with funds through the channel of the United Hospital Fund and the Greater New York Fund.

The allocations for 1956 from the Fund, based on the Auxiliary's efforts in the previous year, were meager and thereby limited the financial assistance to the Hospital against Social Service salaries to a mere \$10,000, a figure which I believe is an all time low. However, the Social Service Department has had assistance from various designated Funds, contributions of interested persons and organizations for the specific purpose; in 1956 these receipts amounted to \$5,243.62.

It behooved the committee to exert themselves in order to meet the

budget set up by the United Hospital Fund for Special Surgery in 1957. and if possible, in addition thereto arrive at the "Direct Benefit Level".

Thanks to the untiring efforts of Mrs. John H. Reynolds, Group Leader, and the team Captains, Mrs. Charles S. Bannerman, Mrs. Robert L. Patterson and Mrs. John F. Weis and the members of the Auxiliary, Special Surgery was over 50% subscribed on the occasion of the first report meeting in October and has according to the final figures turned in 395 gifts amounting to \$16,462.20 thus meeting the budget and surpassing the Direct Benefit Level of \$14,520 set by the Fund.

Over one eighth of the total raised was collected under the leadership of Mrs. Robert Debevoise, Chairman of Box Week. One hundred twenty collection periods (thanks to a three day extension) of two and one quarter hours each were filled by the committee, friends, staff and volunteers at Radio City Music Hall, whose generous permission to collect for the Fund at their very favorable location was in no small measure responsible for the success.

In preparing this report I have felt impelled to comment on the activities of our newer committees. The reports of the older established committees are listed below: with the exception of the Library report. The Alker Memorial Library and the Mary Arents Averell have been given separate space in the Annual Report.

Gift Shop

The shop is very proud of its new surroundings and very much indebted to its patrons; 1956 has been by far the best year in the Shop's history. The success is due in no small measure to the efforts of the volunteers and in particular to Mr. Milton Harburger, who continues to assist not only in the shop, with the "cart" but makes frequent visits to wholesale gift centers,—thus providing many new tempting items heretofore not sold over the counters.

The Membership Committee

Four new members were proposed by the membership committee elected by the Auxiliary and approved by the Board of Managers. We welcome Mrs. Armitage Watkins, Mrs. T. Campbell Thompson, Mrs. John Winslow and Mrs. Cullen Bailey.

Occupational Therapy

Miss Doris Nichols, O.T.R. Director of the Occupational Therapy Department reports that the statistics for the year 1956 show that 198 patients received 3,700 treatments, 169 patients received 3,434 functional treatments and 29 patients 266 diversional treatments. The 3,434 Functional treatments were divided 1069 to out-patients and 2365 to in-patients.

These figures show that approximately the same number of patients were treated functionally in 1956 as in 1955 but that the number of functional treatments increased considerably, namely 1037 more treatments than in the previous year: 355 more to out patients and 682 more to in-patients. We have been able to take care of this increase since our diversional program has been changed. We are giving diversional treatments only when a prescription is sent by the doctor; a dollar charge is made for this type of treatment. In 1955, 120 patients received 1,638 diversional treatments while in 1956 only 29 received 266. We were short one therapist for four months during 1956 which may have had a slight effect on these figures.

During the year Miss Nichols attended an Institute on Pre-vocation Evaluation and Work Simplification given by the United Hospital Fund in January; in November a course on how to set up and treat patients in a demonstration kitchen at the New York University Rehabilitation Center. In May, Miss Nichols and two of the therapists attended a workshop on equipment for help with the activities of daily living given three evenings by the New York State Occupational Therapy Association.

Our sincerest thanks to Mrs. David Reuter, Chairman of Occupational Therapy on the Women's Auxiliary who has volunteered one day a week during the year. Mrs. Reuter procured a large donation of cartons and rearranged our store cabinets, thus improving the neatness and ease of storing our supplies. Thanks to her untiring efforts dressing dolls, adding fine furniture to the dolls house, and giving extra time in December, Mrs. Reuter contributed largely to the success of the Christmas sale. To Mrs. Robert Geller and Mrs. W. P. Hardenberg, our sincere thanks for their interest in our department and their contributions of time, efforts and gifts. Our Christmas sales were so successful that we earned enough to cover all expenses of equipment and supplies not paid for by the patients.

During the year we trained five students, two from the University of Wisconsin, one from Mills College and two from the University of Kansas. Two of these students are training in a program set up by the U. S. Navy, and one in the Air Force program. These girls will be officers and will serve at least two years in the armed forces upon completion of their courses.

Recreation Committee

After surveying the situation, it was decided that any plans to assist patients would necessarily involve supervision of the Volunteer Department and therefore be better instituted by that department.

Volunteer Department

During 1956, 112 Volunteers contributed 18,866 hours of service in 14 departments of the hospital: an increase of 2,310 hours over those of

1955. The out-patient department profited with 4,720 hours of volunteer service and Social Service with 3,518 hours.

The annual tea to honor the Volunteers was held on May 3rd, with Mrs. M. Henry Hoepli, Chairman of the Women's Auxiliary presiding. The guest speaker was the Honorable Mary P. Lord, United States Representative on the Commission on Human Rights to the United Nations.

Mrs. Philip Wilson, Chairman of Volunteers presented the following awards:

- 9 pins for 150 or more hours
- 5 red bars for over 500 hours
- 4 white bars for over 1,000 hours
- 3 blue bars for over 2,000 hours

Honors went to Mrs. Margaret Brown, over 6,000 hours, Mrs. Bradley Delahanty over 4,000 hours and Mrs. Leonard B. Elms for 25,000 hours.

Two new services have been added to the department. The Coffee Cart, under the sponsorship of the Women's Auxiliary is manned by volunteers who serve coffee and tea to the out-patients on Tuesday morning and afternoon and Wednesday morning. We are hoping to have this service staffed five days a week.

The second new service is the entertainment program for children in the pediatric ward. A group of three or four volunteers serve each evening Monday through Friday and on weekends.

In summing up we feel that 1956 has been our best year since the war.

In conclusion, I wish to thank the Board of Managers, the Executive Committee, the Medical Staff, the Director as well as the Staff of the Hospital for their assistance and cooperation. The very fine spirit of teamwork manifested by the chairmen and members of the various committees of the Auxiliary, deserve particular mention and an expression of my sincere appreciation. It is an honor and privilege to share in their efforts to make Special Surgery a friend in DEED to those in need.

Respectfully submitted,

MRS. M. HENRY HOEPLI, Chairman
The Women's Auxiliary

REPORT OF THE TREASURER
WOMEN'S AUXILIARY OF THE NEW YORK
SOCIETY FOR THE RELIEF OF THE RUPTURED AND CRIPPLED

Statement of Cash Receipts and Cash Disbursements
for the Year Ended December 31, 1956

Cash Balance—January 1, 1956	\$ 5,126.03
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RECEIPTS:

Receipts from Charitable Organizations and Individuals for Designated Purposes	\$ 5,243.62
United Hospital Fund	7,775.00
Greater New York Fund	4,555.00
Refunds from Patients	368.45
Dues Received (1956 and 1957)	350.00
 TOTAL RECEIPTS	 18,292.07
 TOTAL CASH	 \$23,418.10

DISBURSEMENTS:

Salaries Paid	\$10,000.00
Office Expenses	1,600.56
Expenses of Professional Staff	145.67
Medical Relief	4,689.08
Convalescent Care	30.65
Summer Therapeutic Care	899.42
Transportation of Patients	330.00
Recreation of Patients	138.10
Library	600.00
 TOTAL DISBURSEMENTS	 18,433.48

Cash Balance—December 31, 1956	\$ 4,984.62
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REPORT OF THE ALKER MEMORIAL LIBRARY AND THE MAY ARENTS AVERELL LIBRARY FOR CHILDREN

The year 1956 has been a red letter one for the Library in that we have consistently maintained our position at the top of the United Hospital Fund Honor Roll. Also we gave out approximately three thousand more books to one thousand more people than in 1955. Two new workers were added to our roster of volunteers, supplanting one lost to other departments.

The Alice Guernsey Osborne Memorial Fund was established with a gift of \$500 to the Library by Mr. Ernest Osborne and Mr. Lawrence Osborne, and was increased by friends of Mrs. Osborne as a tribute to her and to her work in the Library. A portion of this Fund was used for the purchase of a magazine rack, a worktable desk, and a Webster's Unabridged Dictionary—all much needed items to further the work. As a separate contribution the group of Library Volunteers gave an electric wall clock to honor Mrs. Osborne.

Our Library is well represented in the membership of the Women's Auxiliary with six of our ten volunteers doing other active work throughout the year.

We initiated the idea of small exhibits of paintings to be held from time to time—the first of which took place in November, followed by a second in December. The Hospital Art Committee, headed by Mrs. Hilson, purchased three of these paintings for the Hospital; Mrs. Fletcher bought one to present to the Hospital; still another was purchased by one of the volunteers. The United Hospital Fund has shown great interest in this project, as have our own patients and staff.

The Averell Memorial Library for Children has continued its splendid and unflagging work with the children and teen-agers and has made a particular contribution in the realm of school work by assisting the school in providing required reading material.

The continued success of the Library can be attributed to the fine contributions of books and magazines from our many good friends both in and out of the Hospital, and to the splendid teamwork of Volunteers Boss, Brenner, Cole, Debevoise, Hellinger, Hunsden, Rothman, Sherlock and Watkins, as well as our indefatigable Librarian, Miss Yerkes.

Total circulation: Books and magazines.....	19,702
Total people served: Patients and staff.....	10,104
Total books in Library: December 31, 1956.....	5,089
Books added to Library: Purchased 180.....Gifts	524

Respectfully submitted,

JANE C. BANNERMAN, *Chairman*

REPORT OF THE SOCIAL SERVICE DEPARTMENT

The Staff

In comparison with the year of 1955, when our Department had no staff turn-over whatever, this past year of 1956 has presented difficulties because of five resignations and two long absent leaves due to serious illness. The Department has carried on, however, and the patients have received the assistance needed from our Department. Staff morale has been excellent in spite of the necessity for considerable pinch-hitting, some curtailment of vacation plans and oversize case loads for everybody.

For the first time we needed to employ a vacation substitute, Emelicia Mizio, who had completed her first year of graduate study at the New York School. In September, Eleanor Jeffery, MSW joined our staff. Marilyn Eisgrau who had completed one year of graduate study at the New York School was appointed Assistant Medical Social Worker for the Childrens' Service. Joyce Rudenko and Carole Doneghy, both recent college graduates, accepted Case Aide positions in the Polio and Cerebral Palsy Clinics respectively. Ethel Stein, with several years of experience as a Medical Social Worker in the Department of Welfare was employed on a part-time basis. Frances Engeman, MSS who was a member of our Department several years ago, came to our rescue in September. For nine months of the year we were fortunate in having the services of Marianne Roux, a Medical Social Worker from South Africa, who was temporarily in New York while her husband, Dr. David Roux, was a Scoliosis Fellow at Special Surgery. The Director of the Department expresses her sincere thanks to the entire staff of social workers and secretaries for their loyal support and for a fine spirit of responsibility.

The above staff changes entailed difficulties in replacement and are indicative of the shortage of professionally educated medical social workers which is country-wide and points to the need for intensive recruitment of personnel to the total field of medical social work. In this connection, mention should be made of the brochure, "Toward Dignity and Independence", a publication of the Medical Social Work Division of the National Association of Social Workers which was based on the case story of one of our poliomyelitis patients. The many pictures were all taken in the Hospital for Special Surgery. This brochure has been given wide circulation and hopefully will stimulate some interest in medical social work as an interesting career for young persons.

Volunteers

The volunteers assigned to Social Service by the Volunteer Department of the Hospital have continued this year to contribute valued assistance to our Department as clerical workers, patient escorts, clinic assistants to the social workers and as friendly visitors to hospitalized children.

One volunteer is our efficient liaison with the Free Milk Fund for Children.

An average of eight volunteers gave 293 hours of service each month,—a total of 3518 hours for the year.

In September the Volunteer Department assumed responsibility for the financial rating of new clinic patients, making use of the rating code established by the Hospital Administration. This relieved the Social Service staff of a responsibility, financial rating, which was not only time consuming but which was out of line with the accepted professional functioning of a hospital social service department. A conservative estimate of the last four months of 1956 indicates that the volunteers who interview and rate new clinic patients are saving a full week each month of a social worker's time. If a volunteer is puzzled by the patient's situation or requires any assistance with a special problem she confers with a member of the Social Service staff. The social worker remains currently responsible for deciding the amount of patient participation in charges for ancillary services, such as laboratory tests, and x-rays.

Graduate Students

During 1956 we welcomed three graduate students for field work supervision,—Ruth Israelite, and Lyn Foley from the New York School of Social Work, Columbia University and Grace Auer from the Fordham University School of Social Work. Miss Thayer, Mrs. Harley and Mrs. Mandeville have been the respective supervisors. Supervision of one graduate student demands approximately one third of the working hours of a supervising social worker. The graduate schools set high standards for the supervision of their students and we are proud that our Department can provide the caliber of supervision required.

Student Nurses' Project

Last spring the Social Service Department was invited by Miss Dean Smith, Educational Director of the Nursing Department, to cooperate in the Student Nurses' Training Program. Groups of senior students from the Cornell University School of Nursing are assigned at regular intervals to special nursing duty for orthopedic patients who have conditions requiring long time care. Patients have been selected who present social and emotional problems and who in most instances are known to the Social Service Department. The specific social workers are available to the student nurses for consultation relative to the personality and family problems of the patient. The patients are pleased with the special attention they receive from the attractive young student nurses. The student nurses in turn benefit from an orientation in social problems which are inevitably associated with chronic illness.

In this same connection, a panel discussion was held on April 4th to

discuss the all round type of care required by a severely handicapped patient. Dr. Paul Harvey, Orthopedic Surgeon, chaired the discussion of a polio patient: a physical therapist, two social workers, and a representative from the State Division of Vocational Rehabilitation were the other speakers. Over ninety student nurses constituted the audience and participated in the discussion which followed the panel presentation.

Recreation

Thanks to the warm interest of the friends of the Hospital, there are parties on different occasions, such as the gay Christmas party given each year by the ladies of the Reta Violet Club. The Ruth Kirzon Group, whose members are interested in promoting the general welfare of handicapped children, give delightful parties in the children's ward several times a year. These are collective birthday parties with special gifts for children who have had birthdays within the month. There are also parties for children who attend our clinics. Each spring a large group of children are invited to Madison Square Garden for the circus and in the fall to the Rodeo. On the occasion of President Eisenhower's birthday celebration at Radio City, Mrs. Edwin Hilson, member of the Board of Managers, arranged for a number of our children to be honored guests and sit on the speaker's platform, which was a real thrill. One severely handicapped polio boy cut the President's birthday cake. The Union League Club always invites one hundred clinic children to a thrilling Christmas celebration. Staff members and volunteers, including capable mothers, are escorts for these outside events.

Summer Therapeutic Care

One hundred forty-nine children were sent to nine different camps, sponsored by six different organizations. Camping periods varied from a minimum of two weeks to two months at Southampton Fresh Air Home. The combined vacations amounted to 709 weeks.

Designated Funds

We are very grateful to the generous individuals and the philanthropic organizations that make it possible for our Department to provide orthopedic appliances, medication, expensive shoes and special equipment that both ward and clinic patients need in connection with their medical care. During 1956 we again received the substantial annual gift of the Josephine Karet League and the fine monthly checks of the Walter Scott Foundation. The Royal Aid League continued their special interest in providing for cerebral palsied children. Mr. and Mrs. Andre Istel entirely supported the Social Service Transportation Fund. Mr. David Baird, as for many years past, contributed often and generously to the Baird Direct

Relief Fund and to the Josephine Baird Fund. The Margaret J. Brown Fund which is allotted for the assistance of adult patients is supported by one of our active volunteers. Two special funds were initiated by and are currently maintained by two of our leading physicians.

We are just as grateful to the many kind-hearted persons who have given smaller amounts for special purposes and we wish each one could be mentioned individually. In addition to the many gifts which came to the Department at the Christmas season we had a Holiday Fund which permitted some welcome cash gifts to patients. Each year the members of the Women's Auxiliary provide bountifully filled Christmas stockings for every child in the Hospital.

Grateful acknowledgment is made to the Free Milk Fund for Babies, Inc. for over five thousand quarts of milk provided during 1956 to families recommended by our Department.

Multiple Sclerosis Clinic

In the Multiple Sclerosis Clinic one hundred per cent coverage by the social worker is a necessity because of the multiplicity of social and emotional problems which are presented by the chronically ill patient and his family. Mrs. Carrie Harley, who was appointed as the social worker for this clinic in December 1955, has had a steadily mounting case load which indicates the need for assistance in the near future. In addition to an average case load of seventy-five patients, most of whom require intensive case work, Mrs. Harley has had responsibility for the field work supervision of a graduate student.

Social Service Research in the Arthritis Service

A two year study of the social problems of a selected group of patients with rheumatoid arthritis, financed by the Arthritis and Rheumatism Foundation, terminated at the end of December 1956. Rose Chertov, MSS, completed the last year of the study which had been started by another social worker. A final report is not yet available. There is no doubt, however, that Miss Chertov demonstrated the desirability and usefulness of intensive medical social case work as a positive factor in the total care of patients with a long time disabling illness such as rheumatoid arthritis.

Comparative statistics for the years 1955-1956 immediately follow this report.

Respectfully submitted,

GLEE H. DERVEND

Director of Social Service

STATISTICS OF THE SOCIAL SERVICE DEPARTMENT FOR THE YEAR 1956

	1955	1956
<i>Social Service Patient Load</i>		
Carried over from previous year.....	545	672
New in Department.....	1,424	1,455
Reopened: closed prior to this calendar year.....	780	656
Recurrent: closed within this calendar year.....	741	478
Total patient load for the year.....	3,490	3,261
Cases closed.....	2,818	2,567
Cases carried forward at close of year.....	672	694
<i>Interviews With and On Behalf of Patients.....</i>	25,321	29,004
<i>Allowances for Clinic Patients</i>		
Authorization for free or reduced clinic admissions and medical items.....	15,122	19,361
Total amount free or partly free clinic admissions and medical items given by hospital through the Social Service Department.....	\$29,471.40	\$47,464.30
Average allowance per patient.....	2.04	2.51
<i>Petitions Prepared for Hospitalization and Appliances.....</i>	1,045	1,118
For State Aid cases.....	288	354
For National Foundation for Infantile Paralysis.....	757	764
<i>Services Rendered in Connection with Medical Relief</i>		
Emergency relief.....	25	21
Medications and dressings.....	227	401
Orthopedic shoes, pair.....	292	361
Braces, other orthopedic appliances and equipment.....	745	843
{ Paid from funds of Social Service Department.....		149
{ Provided through the National Foundation for Infantile Paralysis.....		477
{ Provided through State Aid.....		217
Shoe and brace repairs and alterations.....	352	311
Crutches and canes loaned.....	175	207
Wheelchairs loaned.....	73	107
Patients provided with clothing.....	40	27
Quarts of milk from Hearst Free Milk Fund.....	5,163	5,025
Convalescent care arranged in institutions.....	95	58
Convalescent care arranged at home.....	193	176
Transportation arranged (single trips).....	649	1,041
Children sent to summer camps.....	149	149
Total vacation weeks.....	731	709

VOLUNTEERS — 1956

Aihinder, Mr. Arthur M.
Austin, Miss Jane

Bannerman, Mrs. Charles
BereI, Miss Edna
Berkman, Miss Muriel
Bermingham, Mrs. Lewis
Bernstein, Miss Sylvia
Blackmore, Mrs. George
Bobby, Mrs. Harry
Bohleber, Mrs. Raymond
Boss, Mrs. Joseph
Brenner, Mrs. Oscar
Brown, Mrs. Margaret J.
Brownstein, Mr. Fredrick

Carpenter, Mrs. Russel
Chapman, Miss Helen
Chrystie, Mrs. Ludlow
Clark, Miss Alice
Cohen, Mr. Stewart
Cole, Mrs. Newcomb
Collin, Mrs. Alexander
Crawford, Mrs. Thomas
Cusick, Mrs. Mildred

Davis, Mrs. Mortimer
Davis, Miss Rosiland
Debevoise, Mrs. Robert L.
Delahanty, Mrs. Bradley
Dennis, Mrs. Grace
Denton, Mrs. Marian
Doctor, Mrs. Arthur
Dunn, Mrs. Bertha

Eastman, Mrs. Charles
Egan, Miss Dorothy
Ellis, Mrs. William
Elms, Mrs. Leonard

Fletcher, Mrs. Walter D.
Fredricks, Mrs. Robert
Fried, Mrs. Walter J.
Friedman, Mrs. Max

Geller, Mrs. Gertrude
Geller, Mrs. Robert
Giacomin, Miss Alma
Giese, Miss Doris
Gillespie, Miss Ruth
Goldstein, Miss Gilda
Goldstein, Mrs. Saul
Gould, Mrs. B. P. Lyttleton
Greenberg, Miss Evelyn

Greenhill, Mrs. Elsie T.
Guthrie, Mrs. Donald

*Hall, Miss Lillian
Haberstumpf, Miss Elfriede
Harburger, Mr. and Mrs. Milton
Hardenbergh, Mrs. W. P.
Hellinger, Mrs. Conrad
Hoepfli, Mrs. M. Henry
Hoffman, Mrs. Joyce
Homer, Mrs. Sarah
Howard, Miss Charlotte
Hulst, Mrs. Clarence
Hudson, Miss Elsie

Irvine, Mrs. Lillbourne C.
Istel, Mrs. André

Jorysch, Mrs. David

Keiser, Miss Grace
Kinney, Mrs. Albert

Lang, Mrs. Nicholas
Leight, Mrs. Hyman
Leyden, Mrs. Eleanor
Littlefield, Mrs. Allan
Liotta, Miss Antoinette
Lowe, Mrs. Rosanna
Lubin, Mrs. Eleanor

McArdle, Miss Mary
McCabe, Mrs. Edward F.
McCormick, Miss Frances
Magill, Miss Lillian
Marx, Miss Gretchen
Mejia, Mrs. Edwin
Mulligan, Miss Josephine

Nevins, Mr. Jay
Nichols, Miss Doris
Nunrich, Mrs. Henry

Ochs, Mrs. Frank
Ochs, Mr. Frank
O'Hagan, Miss Coleen

Packard, Mrs. Daniel
Peck, Mrs. Robert
Phillips, Mrs. Willis

Raciopi, Miss Anita
Rentz, Mrs. Augusta
Reuter, Mrs. David

*Deceased

Riaboff, Mrs. Mariana
Ritterman, Miss Paula
Rooney, Mrs. Evelyn
Rothman, Mrs. Sophie

Schmidt, Miss Gladys
Sengel, Miss Elaine
Sherlock, Mrs. Constance
Sisti, Miss Alphonsa
Shirin, Mrs. Edward
Sloane, Mrs. John David
Smith, Mrs. William
Sokol, Miss Leah
Standaert, Miss Mirene
Stephens, Miss Martha

Tedesko, Miss Lottie
Terrana, Miss Muriel

Thompson, Mrs. T. Campbell
Turkheimer, Mr. Arnold

Vanderbilt, Miss Louise
VanDerwerker, Mrs. Emily
Vogol, Mr. Stan

Wallach, Miss Kate
Watkins, Mrs. Armitage
Weinberg, Miss Thea
Weinberger, Mrs. David
Weslock, Miss Corinne
White, Mrs. George
Wiener, Mrs. Henry
Wilson, Mrs. Philip D.
Wurzbürger, Mrs. Norma

Yerkes, Miss Helen

ENDOWED BEDS

AGNEW, A. C.

AGNEW, GEORGE B.

AGNEW, JOHN T.

AVERY, MRS. MARY P., *in Memory of* her son, HENRY OGDEN AVERY

BISHOP, MRS. DAVID WOLFE, *in Memory of* her husband, DAVID WOLFE
BISHOP

BLISS, GEORGE, *in Memory of* his daughter, NETTA BOLTON BLISS

B.P.O. ELKS, New York Lodge No. 1

BROWN, MRS. ANN D., *in Memory of* ANNIE V. BROWN

BROWN, MRS. GEORGE HUNTER, *in Memory of* her daughter, MILLIE
BROWN

BROWN, MARGARET J., Orthopaedic Bed

BULLINGER, ROBERT E.

CLARK, MARIAN DEFOREST, to be known as the "Julian Bouton Clark Bed"

CURRAN, ELISE POSTLEY, *in Memory of* JAMES ROSS CURRAN

CURRIER, EDWARD WEST, *in Memory of* NATHANIEL CURRIER

CURRIER, EDWARD WEST, *in Memory of* ELIZA W. CURRIER

CURRIER, EDWARD WEST, *in Memory of* WEST CURRIER

CURRIER, EDWARD WEST, *in Memory of* EDWARD W. CURRIER

CURRIER, ESTATE OF LAURA, *in Memory of* WALTER B. CURRIER

DELLINGER, MARY A., *in Memory of* her niece, LULIE DEXTER

EIDLITZ, OTTO M., Memorial Bed

EUSTIS, MARIE C., *in Memory of* GEORGE C. EUSTIS

FARRAR, MRS. SARAH J., *in Memory of* her father and mother, HORACE
and SARAH J. THEALL

FIELD and BISHOP CORTLAND DE PEYSTER, and FLORENCE VAN CORTLAND,
in Memory of MARY E. DE PEYSTER

FINCH, HENRY L., *in devoted and loving Memory of* his father and mother,
EDWARD L. and ANNIE R. FINCH

FRASER, MRS. ANNA M., *in Memory of* her father and mother, HANSON
K. and EMMA B. CORNING

FRELIGH, MARY HELEN, *in Memory of* her daughter, HELEN FRELIGH

GAMBRILL, ANNA VAN NEST, *in Memory of* MARY THOMPSON VAN NEST

GIBSON, W. FRASER, for the "Jeanette Fraser Gibson Bed"

GIFFORD, MRS. ELLEN M., *in Memory of* MRS. ELLEN M. GIFFORD

GRISWOLD, MRS. LYDIA ALLEY, *in Memory of* her husband, GEORGE
GRISWOLD

HARNETT, KATHERINE I. D., *in Memory of* TOMMIE S. DONALD

KNIGHT, JAMES, M.D., *in Memory of* JAMES KNIGHT, M.D.

LEWIS, LOUISE. Memorial Bed
 LYRIC ART SOCIETY—MARIE T. SCHAEFER, Founder and President
 MANNERS, FRANCIS L. WHITTLESEY, The FRANKLIN WHITTLESEY Memorial Beds
 MANNERS, FRANCIS L. WHITTLESEY, *in Memory of* HANNAH ROE WHITTLESEY
 MARTIN, JANIE A., *in Memory of* WALTER A. MARTIN
 McCAFFREY, JOHN B.
 MILLER, ANNIE, *in Memory of* ALEXANDER MILLER, JR.
 MILLER, ANNIE, *in Memory of* CECIL MILLER
 MILLER, HARRIET THOMPSON
 NEUTE, JOSEPHINE L., *in Memory of* EMILY P. MUNN
 NEUTE, JOSEPHINE L., *in Memory of* JESSIE B. BROWN
 PARTRIDGE, FRANKLIN L., *in Memory of* GRACE PARTRIDGE. Endowed by her mother
 PATON, ANNIE A., *in Memory of* ALEXANDER McL. AGNEW
 PILLSBURY, ANNETTE ELLSWORTH, *in Memory of* her parents and sister
 RANNEY, MARIE CELLE, *in Memory of* MARIE CELLE RANNEY
 REYNOLDS, MARTHA S., *in Memory of* her mother. ERNESTINE SCHAFFNER
 ROMEYN, HIRAM RADCLIFFEE, endowed by his wife, GRACE W. ROMEYN
 ROTARY CLUB OF NEW YORK
 SATTERWHITE, FLORENCE C., *in Memory of* JAMES E. MARTIN, JR., PRESTON C. SATTERWHITE, FLORENCE C. SATTERWHITE
 SEYBOLD, PAULINA, *in Memory of* PAULINA SEYBOLD
 SHEARER, GEORGE L., by his family and friends
 STARIN, PRISCILLA T. P., *in Memory of* MARY DICK PARKER
 STARIN, PRISCILLA T. P., *in Memory of* RANSOM PARKER
 TAYLOR, DR. HENRY LING, *in Memory of* CHARLES FAYETTE TAYLOR
 THORNE, PHOEBE ANNA, *in Memory of* PHOEBE ANNA THORNE
 TILLOTSON, EMMA L., *in Memory of* MILLARD GLENN TILLOTSON
 WALL, W. W., *in Memory of* LOUIS EUGENE WALL
 WATSON, EMILY A., *in Memory of* JOHN WATSON
 WATSON, EMILY A., *in Memory of* MARCY L. WATSON
 WATSON, EMILY A., *in Memory of* MARY J. WALKER
 WENDEL, GEORGIANA G. R., *in Memory of* her sister, AUGUSTA WENDEL
 WENDEL, GEORGIANA G. R., *in Memory of* JOSEPHINE WENDEL
 WITHERELL, REBECCA

LIFE FREE BEDS

BOWDOIN, GEORGE, for the Children of the Children's Aid Society

MEMORIAL GIFTS

THOMAS D. and KATE HURST FUND

ORLANDO B. POTTER FUND

ANNE LOUISE GARLAND FUND. *in Memory of*

ROBERT EMMET, JR., JAMES A. G. EMMET, THOMAS ADDIS EMMET,
JAMES A. GARLAND, TUDOR GARLAND, CHARLES GARLAND, HAMILTON
GARLAND, AILEEN EMMET, ELIZABETH GARLAND, HOPE GARLAND

MARY O. AVERY FUND

BLISS FUND—Gift of Mrs. George Bliss

RUSSELL SAGE DENTAL ENDOWMENT FUND

SEMI-CENTENNIAL MEMORIAL FUND

WILLIAM SLOANE FUND

CHARLES FAYETTE TAYLOR MEMORIAL FUND

REBECCA WITHERELL ENDOWED BED FUND

FUND IN MEMORY OF DR. WILLIAM B. COLEY—Received from WILLIAM
BINGHAM, 2nd

CORNELIA D. BECKER FUND. *in Memory of* MARY T. and JOSEPH BECKER

WALTER H. D. KILLOUGH. *in Memory of* WALTER H. D. KILLOUGH

ARTHUR MINTURN MITCHELL. *in Memory of* ROLAND GREENE and
CORNELIA POST MITCHELL

BARBARA ELLENBAST POCHER. *in Memory of* FRANK ELLENBAST

TRUST created in 1932 by JOSEPH T. TOWER, JR., *in Memory of* his sister,
MARY T. TOWER

ELIZABETH T. BULLINGER FUND

EMMA W. SCHOONMAKER. *in Memory of* EMMA W. and
JACOB H. SCHOONMAKER

THE RATHBONE FUND

FLORENCE K. BONNELL. *in Memory of* MARIE E. HAMPTON

F. WILSON KELLER MEMORIAL FUND

MARGARET M. CASPARY CLINIC ENDOWMENT FUND

RESTRICTED GIFTS

REBECCA WITHERELL OPEN AIR FUND

VELMA B. WOOLWORTH FUND

GIBNEY MEMORIAL FUND

FRIENDSHIP HALL VACATION HOME FUND

ADELE STERN FUND

BLANCHE STERN ROBBINS FUND

FUND FOR SPECIAL CARE OF CRIPPLED CHILDREN—Various Contributors

FUND FOR TREATMENT OF HERNIA CASES—The deLong Corporation

MEDICAL LIBRARY FUND

BENJAMIN B. EICHNER FUND, *in Memory of* JOSEPH HERMAN and
HANNAH E. EICHNER

GENERAL EDUCATION AND RESEARCH FUND

FUND FOR MAINTENANCE OF SOLARIUM—Mr. Vernon C. Brown

FUND FOR DEVELOPMENT OF WORK IN CEREBRAL PALSY—Cerebral Palsy
Society of New York, Inc.

FUND FOR RESEARCH IN RHEUMATIC DISEASES

AID AND CHARITY TO INDIVIDUALS—Edwin A. Hochstadter Estate

THE CHARLES E. CULPEPER FOUNDATION FUND FOR ARTHRITIS PATIENTS

DR. PHILIP D. WILSON FELLOWSHIP FUND

ARTHRITIS RELIEF FUND

ELEANOR H. DAVIDSON FUND

THE EDWARD and ELLEN ROCHE RELIEF FOUNDATION FUND

JESSICA HADDINGTON THAYER FUND

WILLIAM ROBERTSON COE RESEARCH FUND

ALFRED H. CASPARY EDUCATION AND RESEARCH FUND

HELEN G. BICKNELL EDUCATION AND RESEARCH FUND

STATISTICS

1956

SUMMARY OF PATIENTS

OUT-PATIENT DEPARTMENT

<i>First Visits</i>	<i>Revisits</i>	<i>Total</i>
13,223	44,761	57,989

IN-PATIENTS

	<i>Private</i>	<i>Semi-Private</i>	<i>Associated Hospital Compensation Pay & Part Pay</i>	<i>WARD</i>			<i>TOTAL</i>
				<i>Public Charges</i>	<i>Free</i>	<i>Total Ward</i>	
Remaining Jan. 1, 1956.....	16	25	53	5	—	63	104
Admitted in 1956.....	291	723	850	199	28	1077	2091
TOTAL TREATED IN 1956.....	307	748	903	204	28	1140	2195
Discharged	288	721	854	185	26	1065	2074
Deaths	7	9	6	2	—	8	24
TOTAL DISCHARGED	295	730	860	187	26	1073	2098
Remaining Dec. 31, 1956.....	12	18	43	17	2	67	97

1956

ORTHOPAEDIC SERVICE

<i>STATISTICAL</i>	<i>Children's Service</i>	<i>Adult Service</i>	<i>Private Service Children and Adults</i>
Total cases admitted.....	395	259	1085
Total cases discharged.....	402	244	1097
Complications	1	4	6
Infections	4	2	1
Deaths	2	3	11
Autopsies	1	3	9
<i>OPERATIVE</i>			
Total Open Operations.....	279	234	730
Total Closed Operations.....	12	7	52
Total Operations	291	241	782
Deformities following Infantile Paralysis	89	14	58
Deformities following Lesions of Nervous System other than Infantile Paralysis...	0	0	4
Fractures, Dislocations and their Sequelae	6	21	134
Complications of and Deformities follow- ing Tuberculosis Diseases of Bones and Joints	1	6	2
Non-Tuberculous Affections of Bones and Joints and their Sequelae.....	19	76	99
Congenital Deformities	113	8	121
Acquired Deformities	48	68	224
Tumors	12	44	116
Unclassified	3	4	24
Total	291	241	782

ORTHOPAEDIC END RESULT CLINIC

Total cases sent for.....	218
Total cases returned and examined.....	122
Total cases failing to return.....	96
Total number of operations rated.....	131
Percentage of Patients returned and examined.....	55%

RATINGS:

PATIENT'S

3 cases at patient's.....	0	7 cases at patient's.....	2
2 cases at patient's.....	1	16 cases at patient's.....	3
103 cases at patient's.....	4		

SURGEON'S

2 cases at surgeon's.....	0	15 cases at surgeon's.....	3
2 cases at surgeon's.....	1	104 cases at surgeon's.....	4
8 cases at surgeon's.....	2	10 deferred cases	
Total cases sent for starting January 1, 1938 to December 31, 1956			
			5469
Total cases returned and examined.....			3682
Total cases failing to return.....			1767
Percentage of patients returned and examined.....			67%

OCCUPATIONAL THERAPY DEPARTMENT

	<i>Patients Treated</i>	<i>Treatments</i>
Functional	169	3,434
Diversional	29	266
Total	198	3,700
	<i>Diversional</i>	<i>Functional</i>
	<i>Treatments</i>	<i>Treatments</i>
In-Patients	266	2,365
Out-Patients	0	1,069

MEDICAL SERVICE

1956

Total cases admitted.....	352
Total cases discharged.....	355
Deaths	8
Autopsies	5

ANESTHESIA SERVICE

General	1,174
General and Local.....	43
General and Spinal.....	1
Spinal only	4
Regional Block	6
Locals	72
Dental	1
Total	1,301

PHYSICAL THERAPY DEPARTMENT

	<i>No. of Treatments</i>
Private	1,128
Semi-Private	3,076
Ward	8,250
Private Ambulatory	2,327
Out-Patient Department	17,725
Total Treatments	32,506

LABORATORY EXAMINATIONS

Private	4,162
Semi-Private	9,510
Ward	14,391
Private Ambulatory	2,924
Out-Patient Department	15,268
Total Treatments	46,255

DEPARTMENT OF ROENTGENOLOGY

	<i>No. of Examinations</i>
Private	547
Semi-Private	1,383
Ward	2,488
Private Ambulatory	2,552
Out-Patient Department	8,476
Total Examinations	15,446

DEPARTMENT OF PHOTOGRAPHY

Black and white negatives of patients.....	2,465
Two prints each of above.....	4,930
35 millimeter color photographs of patients.....	1,435
4"x 5" color photographs of patients.....	44
Color motion pictures of patients (footage).....	1,300
Photographs for Public Relations, Hospital business, etc.	105
Photographs of X-Rays, copies of printed matter, etc.	377
Enlargements for publication, etc.....	145
Lantern slides, 3 $\frac{1}{4}$ " x 4".....	267
Lantern slides, 35 mm.....	46
Drawings, graphs, tables, signs.....	75
Diplomas lettered for Residents, Fellows.....	7
Diplomas lettered for Student Nurses.....	51

OUT-PATIENT DEPARTMENT

ORTHOPAEDIC CLINICS

	<i>New Admissions</i>	<i>Referred Visits</i>	<i>Revisits 1st this Year</i>	<i>Revisits</i>	<i>Total</i>
General	6,354	—	4,444	9,155	19,953
Club Foot	3	77	42	1,639	1,761
Scoliosis	7	195	507	712	1,421
Cerebral Palsy	5	44	25	2,469	2,543
Polio-myelitis	113	76	555	1,962	2,706
Hand	15	84	27	418	544
Low Back	5	23	—	61	89
Podiatry	3	79	22	982	1,086
Hip	—	5	—	16	21
Neurosurgery	—	257	20	172	449
Chest	11	9	5	34	59
Speech	—	1	6	616	623
Amputee	105	8	67	340	520
Multiple Sclerosis	59	7	13	361	440
RHEUMATIC DISEASE CLINIC	—	567	122	6,287	6,976

MEDICAL CLINIC

Pediatrics	1	38	—	147	186
Total	6,681	1,470	5,855	25,371	39,377

OFFICERS OF THE SOCIETY

1864-1957

PRESIDENTS

(Dates Inclusive)

GREEN, JOHN C.	1864-1874
BROWN, STEWART	1875-1879
WILLETS, SAMUEL	1880-1883
MACY, WILLIAM H.	1883-1887
OSBORN, WILLIAM H.	1887-1890
ISHAM, WILLIAM B.	1891-1901
STURGES, FREDERICK	1901-1910
OSBORN, WILLIAM CHURCH	1910-1925
MELCHER, JOHN S.	1926-1928
OSBORN, WILLIAM CHURCH— <i>Acting President</i>	1928-1930
OSBORN, WILLIAM CHURCH	1931-1937
OSBORN, WILLIAM CHURCH— <i>Pres. Emeritus</i>	1938-1951
ROSSITER, ARTHUR W.	1938-1948
DURYEE, SAMUEL S.	1948-

CHAIRMAN OF THE EXECUTIVE COMMITTEE

MILLER, LAWRENCE McK.	1956-
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VICE-PRESIDENTS

(Dates Inclusive)

MINTURN, ROBERT B.	1864-1865
BROWN, STEWART	1864-1874
LENOX, JAMES	1864-1879
WETMORE, A. R.	1864-1880
WOLFE, JOHN DAVID	1864-1872
GRISWOLD, GEORGE	1866-1875
WILLETS, SAMUEL	1873-1879
CORNING, H. K.	1875-1877
MACY, WILLIAM H.	1876-1882
TERBELL, HENRY	1878-1887
HOE, ROBERT	1880-1883
COLGATE, ROBERT	1880-1884
OSBORN, WILLIAM H.	1881-1886
POTTER, ORLANDO	1883-1893
ISELIN, ADRIAN	1884-1904
ISHAM, WILLIAM B.	1885-1890
	1905-1908
AGNEW, ALEXANDER L.	1887-1890
WEBB, WILLIAM H.	1888-1894
KINGSLAND, WILLIAM M.	1892-1904
THORNE, SAMUEL	1892-1905

VICE-PRESIDENTS — (Continued)

KENNEDY, JOHN S.	1894-1908
BLISS, GEORGE	1895
WILLETS, JOHN T.	1897-1911
STEARNS, JOHN NOBLE	1906
WING, JOHN D.	1905-1909
MACY, JR., WILLIAM H.	1908-1912
ISELIN, JR., ADRIAN	1909-1928
SMITH, SIDNEY S.	1910-1921
POTTER, FREDERICK	1912-1916
SLOANE, WILLIAM	1913-1916
REDMOND, GERALDYN	1914-1918
BLISS, WALTER	1919-1922
WING, J. MORGAN	1919-1928
WILLETS, HOWARD	1922-1928
PRENTICE, ROBERT KELLY	1923-
OSBORN, WILLIAM CHURCH	1926-1927
SIMMONS, FRANK HUNTER	1929-1930
ROSSITER, ARTHUR W.	1929-1937
ISELIN, ERNEST	1931-1951
BROWN, VERNON CARLETON	1935-1944
WING, MORGAN	1937-1948
THIERIOT, CHARLES H.	1940
WILMERDING, LUCIUS	1941-1949
DURYEE, SAMUEL S.	1945-1948
WING, JR., MORGAN	1948-1952
MILLER, LAWRENCE McK.	1949-1956
FINCH, HENRY L.	1949-1956
SYMINGTON, CHARLES J.	1951-1955
PILOT, ANDRÉ P.	1952-
FLETCHER, MRS. WALTER D.	1955-
REYNOLDS, MRS. JOHN H.	1956-
NOEL, LOUIS W.	1956-

TREASURERS (Dates Inclusive)

STURGES, JONATHAN	1864-1874
STURGES, FREDERICK	1875-1906
MELCHER, JOHN S.	1907-1925
SHEARER, GEORGE L.	1926-1946
STEWART, WM. A. W.	1946-1955
STEWART, E. SHELDON	1955-

ASSISTANT TREASURERS

HOCLET, ROBERT L. JR.	1956-
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CORRESPONDING SECRETARIES

HARTLEY, ROBERT M.	1864-1871
SWAN, OTIS D.	1872-1876
ABBE, GEORGE W.	1877-1878
STEWART, W. A. W.	1879-1887
STETSON, FRANCIS LYNDE	1888-1889
STURGES, WILLIAM C.	1890-1896
JENNINGS, WALTER	1897
STEARNS, JOHN NOBLE	1924-1930
EYRE, EDGAR AINSWORTH	1931-1935
FINCH, HENRY L.	1936-1949
TOWNSEND, REGINALD T.	1949-1956
HILSON, MRS. EDWIN J.	1957-

RECORDING SECRETARIES

COLLINS, JOSEPH B.	1864-1867
SWAN, OTIS D.	1868-1871
HARTLEY, ROBERT M.	1872-1875
WARBURTON, A. F.	1876-1878
ABBE, GEORGE W.	1879
TOWNSEND, JOHN P.	1880-1897
EYRE, EDGAR AINSWORTH	1924-1930
MILLER, LAWRENCE MCK.	1931-1949
MELCHER, JOHN	1949-1956

CORRESPONDING SECRETARIES AND RECORDING SECRETARIES

JENNINGS, WALTER	1898-1899
OSBORN, WILLIAM CHURCH	1900-1909
STEARNS, JOHN NOBLE	1910-1923

SECRETARIES

MELCHER, JOHN	1956
RAWLE, MARSHALL	1957-

BOARD OF MANAGERS

1864-1957

(Dates Inclusive)

Abbe, George W.	1864-1879	Hagaman, Frederick P.	1957-
Agnew, Alexander McL.	1876-1890	Handy, Parker	1874-1876
Bastedo, Philip	1955-	Hartley, Robert M.	1864-1875
Beekman, James W.	1864-1865	Hartshorn, Dr. W. Morgan	1941-1955
Billings, Frederick	1868-1870	Harvey, Alexander D.	1957-
Bishop, David Wolfe	1888-1889	Hay, Louis C.	1929-1938
Bishop, Nathan	1882-1899	Hayes, R. Somers	1901-1904
Bliss, George	1864-1867	Hilson, Edwin I.	1951-1952
Bliss, Walter	1887-1895	Hilson, Mrs. Edwin I.	1952-
Bonner, Robert	1911-1922	Hoe, Robert	1878-1883
Booth, William A.	1879-1881	Hoffman, Samuel V.	1873
Bradford, William H.	1864-1865	Hoffman, William B.	1877-1880
Brown, Stewart	1878-1895	Hoguet, Dr. Joseph P.	1931-1946
Brown, Vernon C.	1864-1879	Hoguet, Robert L., Jr.	1953-
	1931-1944	Hoppin, William W.	1936-1948
		Hutton, Mrs. Edward F.	1955-
Cabot, F. Higginson	1926-1928		
Caswell, John	1881-1904	Iselin, Adrian, Jr.	1902-1928
Chapin, L. H. Paul	1866-1867	Iselin, Ernest	1929-1951
Church, John A.	1931-1935	Isam, William B.	1880-1908
Clark, C. C.	1940-1941		
Clark, Jr., George C.	1888-1899	Jackson, William H.	1953-1955
Colgate, Charles	1906-1909	Jaffrey, Edward S.	1866-1877
Colgate, R. R.	1872-1877	Jennings, Walter	1892-1899
Colgate, Robert	1908-1921		
Collins, Joseph B.	1869-1884	Kennedy, John S.	1890-1908
Cooper, Peter	1864-1867	Kingsland, William M.	1877-1904
Corning, H. K.	1868-1870	Knapp, Theodore J.	1943-1947
	1866-1877		
Davison, F. Trubee	1923-1924	Lapham, Lewis A.	1955-1957
Davison, H. P.	1912-1921	Lawrence, Effingham	1939-1940
Denny, Thomas	1864-1875	Lenox, James	1864-1879
DePew, Chauncey M.	1897-1901	Livingston, John C.	1908-1914
Draper, William H.	1897-1900		
Duryee, Samuel S.	1940-	McLane, Guy R.	1906-1911
			1914-1920
Elliott, Howard	1920-1928	Macy, William H.	1871-1886
Eyre, Edgar Ainsworth	1923-1935	Macy, William H., Jr.	1892-1912
	1945-1955	Magoun, George C.	1886-1891
Fancher, Enoch L.	1864-1865	Melcher, John	1923-1956
Finch, Henry L.	1929-	Melcher, John S.	1906-1927
Fiske, Josiah M.	1879-1881	Miller, Charles A.	1894-1897
Fletcher, Walter D.	1941	Miller, Lawrence McK.	1926-
Fletcher, Mrs. Walter D.	1950-	Minturn, Robert B.	1864-1865
		Moore, William S.	1938-1940
Gibson, W. Frazer	1931-1937	Morgan, Hon. Edwin D.	1880-1881
Gilman, William C.	1864-1871		
Gillespie, Jr., S. Hazard ..	1955-	Noel, Louis W.	1936-
Golding, Jerrold R.	1953-		
Green, John C.	1864-1874	Osborn, A. Perry	1941-1951
Grissold, George	1864-1875	Osborn, Frederick H.	1913-1928

BOARD OF MANAGERS—(Continued)

Osborn, William Church	1892-1951	Stout, Francis A.	1883-1888
Osborn, Earl D.	1951-	Straus, Nathan, III	1950-
Osborn, William H.	1871-1891	Stuart, Robert L.	1871-1873
Osborn, William H., Jr.	1957-	Sturges, Arthur P.	1897-1909
		Sturges, Frederick	1871-1909
Parsons, Henry I.	1908-1912	Sturges, Frederick	1931-1935
Pennoyer, Paul G.	1955-1957	Sturges, Jonathan	1864-1874
Pierson, Dr. Richard N.	1957-	Sturges, William C.	1885-1896
Pillot, André P.	1941-	Swan, Otis D.	1866-1876
Pool, Beekman H.	1948-1950	Symington, Charles J.	1941-1955
Potter, Frederick	1910-1916		
Potter, Orlando	1921-1924	Terbell, Henry S.	1864-1887
Potter, Orlando B.	1875-1893	Thicriot, Charles H.	1936-1940
Prentice, Robert Kelly	1906-	Thorne, Samuel	1880-1905
Prunyn, Erving	1931-1942	Tompkins, B. A.	1952-1955
		Townsend, John P.	1876-1897
Quincy, John W.	1864-1870	Townsend, Reginald T.	1944-1957
		Trumbull, Frank	1913-1919
Rawle, Marshall	1955-		
Redmond, Geraldyn	1907-1918	Vanderbilt, Cornelius	1881-1895
Redmond, Roland S.	1919-1924	VanRensselaer, Alex	1874-1878
Reynolds, Mrs. John H.	1949-		
Robbins, Chandler	1876-1887	Wall, Albert Carey	1957-
Rockefeller, William A.	1923-1930	Warburton, A. F.	1876-1878
Rossiter, Arthur W.	1921-1950	Webb, H. Walter	1893-1898
		Webb, William H.	1882-1894
Scoville, Robert	1931-1934	Wetmore, A. R.	1864-1880
Shearer, George L.	1921-1946	Whitman, Dr. Royal	1932-1934
Simmons, Frank Hunter	1917-1927	Willets, Howard	1913-1928
	1929-1930	Willets, John T.	1886-1911
Sloane, William	1900-1916	Willets, Samuel	1868-1882
Smith, S. Sidney	1900-1921	Wilmerding, Lucius	1935-1949
Stearns, John Noble	1889-1906	Wing, John D.	1896-1909
	1909-1936	Wing, J. Morgan	1910-1928
Stearns, John N., Jr.	1902-1908	Wing, Morgan	1921-1950
	1919-1930	Wing, Jr., Morgan	1946-1953
Stetson, Francis Lynde	1888-1889	Witthaus, Rudolph A.	1864
Stevenson, T. Kennedy	1949-	Wolfe, John David	1864-1872
Stewart, W. A. W.	1879-1887	Wood, Oliver	1864-1868
Stewart, Wm. A. W.	1946-1955		and 1870
Stewart, E. Sheldon	1947-		

ADVISORY COUNCIL

Eyre, Edgar Ainsworth	1955-	Stewart, William A. W.	1955-
Hartshorn, Dr. W. Morgan	1955-1956	Symington, Charles J.	1955-
	Townsend, Reginald T.		1957-

ENDOWED BEDS

A bed may be endowed by an unrestricted gift to the Society of not less than \$7,500 made for that purpose, and the donor during his life, or, if the gift is made by will, the person named in the will for a period not to exceed twenty years, shall have the right to designate an occupant of such bed. When the gift amounts to \$10,000 or more, the Society will furnish to the designated occupant of such bed without charge in any one calendar year care and services, the cost of which, computed at the Society's then scale of rates, equals the income earned by the Society on the amount of such gift, computed upon the basis of the average rate of return on the Society's general funds during the preceding calendar year. The Society will list all endowed beds in its annual report and record the same on appropriate plaques in the Hospital.



LEGACIES TO THE SOCIETY

The Society has always been greatly aided by this form of generosity. No precise words are necessary to a valid legacy to the corporation. The following form, however, may be suggested:

"I give to New York Society For The Relief Of The Ruptured And Crippled, located at 535 East 70th Street, New York City, the sum of

Dollars."

